

# Product Datasheet

## Recombinant Human gamma Tubulin His Protein NBP1-72534-100ug

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

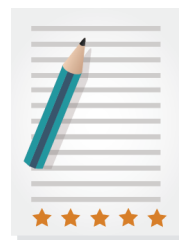
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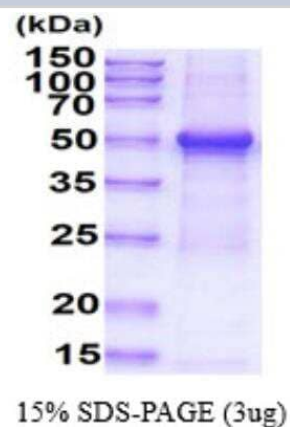


**NBP1-72534-100ug****Recombinant Human gamma Tubulin His Protein**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ug                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                      | >85%, by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer</b>                      | 20 mM Tris-HCl buffer (pH 8.0), 1 M UREA, 5% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Target Molecular Weight</b>     | 53.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>                 | <p>A denatured recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-451 of Human gamma Tubulin</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MPREITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGTDKDV FFYQADDEHY IPRAVLDDLE PRVIHSILNS PYAKLYNPEN IYLSEHGGGA GNNWASGFSQ GEKIHEDIFD IIDREADGSD SLEGFVLCHS IAGGTGSGLG SYLLERLNDY YPKKLVTYTS VFPNQDEMSD VVQPYNSLL TLKRLTQNAD CVVLDNTAL NRIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL IPTPRHLFLM TGYTPLTTDQ SVASVRKTTV LDVMRRLQK KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKSLQRI RERKLANFIP WGPASIQVAL SRKSPYLPSA HRVSGLMAN HTSISSLFER TCRQYDKLRK REAFLEQFRK EDMFKDNFDE MDTSREIVQQ LIDEYHAATR PDYISWGTQE Q</p> |
| <b>Gene ID</b>                     | 7283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Symbol</b>                 | TUBG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>                | SDS-Page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Recommended Dilutions</b>       | SDS-Page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Application Notes</b>           | Denatured protein is most likely not the best option for functional studies. It is better suited for Western Blot (WB) or imaging assays.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Images

SDS-Page: Recombinant Human gamma Tubulin Protein [NBP1-72534]  
- 3ug by SDS-PAGE under reducing condition and visualized by  
coomassie blue stain



## Publications

Voss M, Campbell K, Saranzewa N et al. Protein phosphatase 4 is phosphorylated and inactivated by Cdk in response to spindle toxins and interacts with gamma-tubulin. *Cell Cycle*. 2013-09-01 [PMID: 23966160]



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### **Products Related to NBP1-72534-100ug**

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| MAB1195    | beta-III Tubulin Antibody (TuJ-1) [Unconjugated] - Neuron-Specific |
| NB500-574  | gamma Tubulin Antibody (TU-30) - BSA Free                          |
| DY453-05   | CXCL1/GRO alpha/KC/CINC-1 [Biotin]                                 |
| MAB208-100 | CXCL8/IL-8 Antibody (6217) [Unconjugated]                          |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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