

# Product Datasheet

## Recombinant Human LKB1/STK11 His Protein NBP2-51959-0.05mg

Unit Size: 0.05 mg

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

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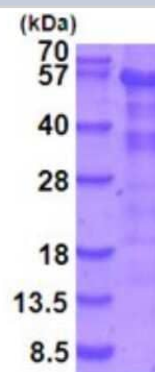


**NBP2-51959-0.05mg****Recombinant Human LKB1/STK11 His Protein**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.05 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>               | 0.5 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), 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Target Molecular Weight</b>     | 51 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 1-433 of Human LKB1/STK11</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMEVDPQ QLGMFTEGEL MSVGMDTFIH RIDSTEVYQ PRRKRAKLIG KYLMGDLLGE GSYGKVKEVL DSETLCRRRAV KILKKKKLRR IPNGEANVKK EIQLLRRLRH KNVIQLVDVL YNEEKQKMYM VMEYCVCGMQ EMLDSVPEKR FPVCQAHGYF CQLIDGLEYL HSQGIVHKDI KPGNLLLTG GTLKISDLGV AEALHPFAAD DTCRTSQGSP AFQPPEIANG LDTFSGFKVD IWSAGVTLYN ITTGLYPFEG DNIYKLFENI GKGSYAIPGD CGPPLSLLK GMLEYEPAKR FSIRQIRQHS WFRKKHPPAE APVPIPPSPD TKDRWRSMTV VPYLEDLHGA DEDEDLFDIE DDIIYTQDFT VPGQVPEEEA SHNGQRRGLP KAVCMNGTEA AQLSTKSRAE GRAPNPARKA CSASSKIRRL SACKQQ</p> |
| <b>Gene ID</b>                     | 6794                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Symbol</b>                 | STK11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <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 LKB1/STK11 Protein [NBP2-51959] -  
15% SDS Page (3 ug)



15% SDS-PAGE (3ug)



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### **Products Related to NBP2-51959-0.05mg**

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|               |                                                       |
|---------------|-------------------------------------------------------|
| NBP2-14835PEP | LKB1/STK11 Antibody Blocking Peptide                  |
| NB200-103     | p53 Antibody (PAb 240) - BSA Free                     |
| NBP2-14835    | LKB1/STK11 Antibody - BSA Free                        |
| AF887         | AKT [p Ser473] Antibody [Unconjugated] - Pan Specific |

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### **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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