

# Product Datasheet

## Recombinant Human alpha Tubulin 4a GST (N-Term) Protein

**H00007277-P01-10ug**

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00007277-P01-10ug**

## Recombinant Human alpha Tubulin 4a GST (N-Term) Protein

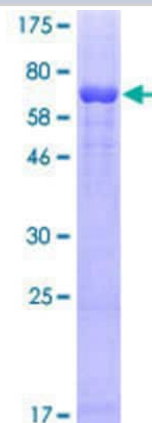
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	75.02 kDa

Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-448 of Human TUBA1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MRECISVHVGQAGVQMGNACWELYCLEHGIQPDGQMPSDKTIGGGDDSFSTTF  FCETGAGKHVPRAVFVDLEPTVIDEIRNGPYRQLFHPEQLITGKEDAANNYARG  HYTIGKEIIDPVLDRIRKLSQCTGLQGFLVFHSGGGTSGSFTSLLMERLSVDY  GKSKLEFSIYPAPQVSTAVVEPYNSILTTHHTLEHSDCAFMDNEAIYDICRRN  LDIERPTYTNLNLRLISQIVSSITASLRFDGALNVDLTFEQTNLVPYPRIHFLATYA  PVISAEKAYHEQLSVAEITNACFEPANQMVKCDPRHGKYMCCLLYRGDVVVK  DVNAIAIAIKTKRSIQFVDWCPTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSN  TTAIAEAWARLDHKFDLAMYAKRAVHWYVVGEGMEEGEFSEAREDMAALEKDY  EEVGIDSYEDEDEGEE</p>
Gene ID	7277
Gene Symbol	TUBA4A
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification

## Images

Recombinant Human alpha Tubulin 4a Protein [H00007277-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Ndhlovu M, Preubeta BE, Dengjel J et al. Identification of  $\alpha$ -tubulin as an autoantigen recognized by sera from patients with neuropsychiatric systemic lupus erythematosus. *Brain Behav Immun* 25(2):279-285. 2011-02-01 [PMID: 20884345]



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### **Products Related to H00007277-P01-10ug**

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NB600-501	beta-Actin Antibody (AC-15)
NBP2-21604	alpha Tubulin 4a Antibody
NB300-221	GAPDH Antibody (1D4)
NB100-690	alpha Tubulin Antibody (DM1A) - BSA Free

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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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