

Full-Length

TUBA1B (Human) Recombinant Protein (P01)

Catalog # H00010376-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TUBA1B full-length ORF (AAH08659, 1 a.a. - 451 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRECISIHVGQAGVQIGNACWELYCLKHGIQPDGQMPSDKTIGGGDDSFNTFFSETGAGKHVPRA
VFVDLEPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDLVLDRIKRLADQCTGLQ
GFLVFHSFGGGTGSGFTSLLMERLSVDYGKSKLEFSYPAPQVSTAVVEPYNSILTTHTTLEHSD
CAFMVDNEAYDICRRNLDIERPTYTNLNLISQVSSITASLRFDGALNVDLTEFQTNLVPYPRIHFPL
ATYAPVISAEEKAYHEQLSVAEITNACFEPANQMVKCDPRHGKYMACECLLYRGDVVPKDVNAIATI
KTKRSIQFVDWCPTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNNTAIAEAWARLDHKFDLMYA
KRAFVHWYVGEGMEEGEFSEAREDMAALEKDYEEVGVDSVEGEGEEEEGEY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.35

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TUBA1B

Entrez GeneID	10376
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GeneBank Accession#	BC008659
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Protein Accession#	AAH08659
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Gene Name	TUBA1B
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Gene Alias	K-ALPHA-1
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Gene Description	tubulin, alpha 1b
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Gene Ontology	Hyperlink
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Gene Summary	O
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Other Designations	alpha tubulin tubulin, alpha, ubiquitous
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Publication Reference

- [De novo production of K- \$\alpha\$ 1 tubulin-specific antibodies: role in chronic lung allograft rejection.](#)

Goers TA, Ramachandran S, Aloush A, Trulock E, Patterson GA, Mohanakumar T.

Journal of Immunology 2008 Apr; 180(7):4487.

Application: WB, Human, Human serum

Pathway

- [Gap junction](#)
- [Pathogenic Escherichia coli infection - EHEC](#)