

Recombinant Human TUBE1 protein, His & GST-tagged

Cat. No. TUBE1-1310H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBE1 aa. (Val225~Ser472 (Accession # Q9UJT0) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val225~Ser472
Description	This gene encodes a member of the tubulin superfamily. This protein localizes to the centriolar sub-distal appendages that are associated with the older of the two centrioles after centrosome duplication. This protein plays a central role in organization of the microtubules during centriole duplication. A pseudogene of this gene is found on chromosome 5.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

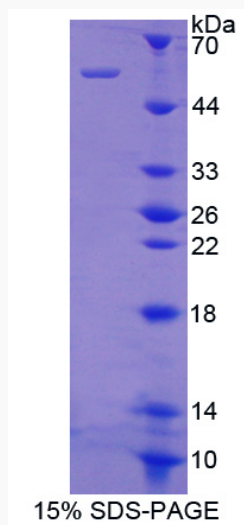
Gene Name	TUBE1 tubulin epsilon 1 [Homo sapiens (human)]
Official Symbol	TUBE1
Synonyms	TUBE1; tubulin epsilon 1; TUBE; dJ142L7.2; tubulin epsilon chain; epsilon-tubulin
Gene ID	51175
mRNA Refseq	NM_016262.4
Protein Refseq	NP_057346.1
UniProt ID	Q9UJT0

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SDS-PAGE



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