

Recombinant Human TECTB Protein, His-tagged

Cat. No. TECTB-661H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TECTB(Met1-Arg304) fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg304
Description	This gene encodes a non-collagenous glycoprotein component of the tectorial membrane, which covers the auditory hair cells in the cochlea of the inner ear. A similar protein in mouse functions in low-frequency hearing.
Predicted N Terminal	Lys 18
Form	Lyophilized from sterile PBS, pH 7.4. 1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. 2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant human TECTB consists of 298 amino acids and predicts a molecular mass of 33.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TECTB tectorin beta [Homo sapiens]
Official Symbol	TECTB
Synonyms	TECTB; tectorin beta; beta-tectorin; KIAA1560; MGC142057; MGC142059;
Gene ID	6975
mRNA Refseq	NM_058222
Protein Refseq	NP_478129
MIM	602653

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UniProt ID

Q96PL2

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