

Recombinant Human TIMM8A protein, GST-tagged

Cat. No. TIMM8A-3239H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMM8A protein(1-97 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-97 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MDSSSSSSAAGLGAVDPQLQHFIEVETQKQRFQQLVHQMTCLWEKCMDKPGPKL DSRAEACFVNCVERFIDTSQFILNRLEQTQKSKPVFSESLSD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

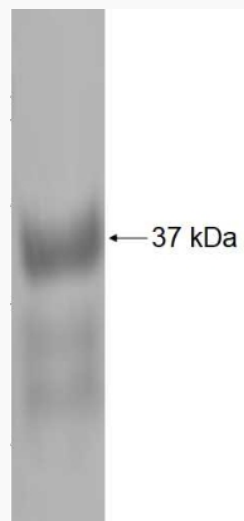
Gene Name	TIMM8A translocase of inner mitochondrial membrane 8 homolog A (yeast) [Homo sapiens]
Official Symbol	TIMM8A
Synonyms	TIMM8A; translocase of inner mitochondrial membrane 8 homolog A (yeast); DFN1, translocase of inner mitochondrial membrane 8 (yeast) homolog A; mitochondrial import inner membrane translocase subunit Tim8 A; DDP; MTS; deafness/dystonia peptide; deafness dystonia protein 1; X-linked deafness dystonia protein; DDP1; DFN1; TIM8; MGC12262;
Gene ID	1678
mRNA Refseq	NM_001145951
Protein Refseq	NP_001139423
MIM	300356
UniProt ID	O60220

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SDS-PAGE



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