

Recombinant Human TIMM50 protein, His-tagged

Cat. No. TIMM50-2631H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMM50 protein(190-456 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	190-456 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GNNPVDENGAKIPDEFDNDPILVQQLRRTYKYFKDYRQMIIPTSPCLLPDPLQEPPY QPPYTLVLELTGVLLHPEWSLATGWRFKKRPGETLFFQQLAPLYEIVFTSETGMTAF PLIDSVDPHGFISYRLFRDATRYMDGHHVKDISCLNRDPARVVVVDCCKEAFRLQPY NGVALRPWDGNSDDRVLDDLSAFLKTIALNGVEDVRTVLEHYALEDDPLAAFKQRQ SRLEQEEQQRLAELSKSNKQNLFLGSLTSRLWPRSKQP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	TIMM50 translocase of inner mitochondrial membrane 50 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	TIMM50
Synonyms	TIMM50; translocase of inner mitochondrial membrane 50 homolog (<i>S. cerevisiae</i>); translocase of inner mitochondrial membrane 50 homolog (yeast); mitochondrial import inner membrane translocase subunit TIM50; TIM50L; Tim50-like protein; homolog of yeast Tim50; TIM50; MGC102733;
Gene ID	92609
mRNA Refseq	NM_001001563
Protein Refseq	NP_001001563
MIM	607381
UniProt ID	Q3ZCQ8

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