

Recombinant Human TIMM44 protein, GST-tagged

Cat. No. TIMM44-3618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMM44 protein(153-452 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	153-452 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	AKTAKQSAESVSKGGKELGRTAAFRALSQGVESVKKEIDDSVLGQTGPYRRPQRLR KRTEFAGDKFKKEKVFEPNEEALGVVLHKDSKWYQQWKDFKENNVVFNRRFFEMKM KYDESDNAFIRASRALTDKVTDLLGGLFSKTEMSEVLTEILRVDPAFDKDRFLKQCEN DIIPNVLEAMISGELDILKDWCYEATYSQLAHPIQQAKALGLQFHSRILDIDNVDLAMG KMMEQGPVLIITFQAQLVMVVRNPKGEVVEGDPDKVLRMLYVWALCRDQDELNPY AAWRLDISASSTEQIL
Purity	90%, 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

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cycles.

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.

GENE INFORMATION

Gene Name

TIMM44 translocase of inner mitochondrial membrane 44 homolog (yeast) [Homo sapiens]

Official Symbol

TIMM44

Synonyms

TIMM44; translocase of inner mitochondrial membrane 44 homolog (yeast); mitochondrial import inner membrane translocase subunit TIM44; TIM44; mitochondrial inner membrane translocase; DKFZp686H05241;

Gene ID

10469

mRNA Refseq

NM_006351

Protein Refseq

NP_006342

MIM

605058

UniProt ID

O43615

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