Recombinant Human TOMM70A protein, GST-tagged

Cat. No. TOMM70A-1790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOMM70A protein(245-608 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	245-608 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	KNREPLMPSPQFIKSYFSSFTDDIISQPMLKGEKSDEDKDKEGEALEVKENSGYLKA KQYMEEENYDKIISECSKEIDAEGKYMAEALLLRATFYLLIGNANAAKPDLDKVISLKE ANVKLRANALIKRGSMYMQQQQPLLSTQDFNMAADIDPQNADVYHHRGQLKILLDQ VEEAVADFDECIRLRPESALAQAQKCFALYRQAYTGNNSSQIQAAMKGFEEVIKKFP RCAEGYALYAQALTDQQQFGKADEMYDKCIDLEPDNATTYVHKGLLQLQWKQDLD RGLELISKAIEIDNKCDFAYETMGTIEVQRGNMEKAIDMFNKAINLAKSEMEMAHLYS LCDAAHAQTEVAKKYGLKPPTL
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

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	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw 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	TOMM70A translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae) [Homo sapiens]
Official Symbol	TOMM70A
Synonyms	TOMM70A; translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae); translocase of outer mitochondrial membrane 70 (yeast) homolog A , translocase of outer mitochondrial membrane 70 homolog A (yeast); mitochondrial import receptor subunit TOM70; KIAA0719; translocase of outer membrane 70 kDa subunit; mitochondrial precursor proteins import receptor; FLJ90470;
Gene ID	9868
mRNA Refseq	NM_014820
Protein Refseq	NP_055635
MIM	606081
UniProt ID	O94826

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