

## Recombinant Human TOMM70A protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TOMM70A protein(245-608 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	245-608 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	KNREPLMPSPQFIKSYFSSFTDDIISQPMLKGEKSDEDKDKEGEALEVKENSGYLKA KQYMEEENYDKIISECSKEIDAEGKYMAEALLLRATFYLLIGNANAAKPDLDKVISLKE ANVKLRANALIKRGS MYMQQQPLLSTQDFNMAADIDPQNADVYHHRGQLKILLDQ VEEAVADFDECIRLRPESALAAQKCFALYRQAYTGNNSSQIQAMKGFEEVIKKFP RCAEGYALYAQALTDQQQFGKADEMYDKCIDLEPDNATTYVHKGLLQLQWKQDLD RGLELISKAIEIDNKCDFAYETMGTI EVQRGNMEKAIDMFNKAINLAKSEMEMAHLYS LCDAAHAQTEVAKKYGLKPPTL
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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