

# Recombinant Human TOMM40 protein, GST-tagged

**Cat. No.** TOMM40-3607H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Recombinant Human TOMM40 protein(O96008)(1-361aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-361aa                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 64.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>MGNVLAASSPPAGPPPPAPALVGLPPPPSPPGFTLPPLGGSLGAGTSTSRSSER</p> <p>TPGAATASASGAAEDGACGCLPNPGTFEECHRKCKELFPIQMEGVKLTVNKGLSNH</p> <p>FQVNHTVALSTIGESNYHFGVTYVGTKQLSPTEAFPVLVGDMDNSGSLNAQVIHQLG</p> <p>PGLRSKMAIQTQQSKFVNWQVDGEYRGSDFTAAVTLGNPDVLVGSGILVAHYLQSI</p> <p>TPCLALGGELVYHRRPGEEGTVMISLAGKYTLNNWLATVTLGQAGMHATYYHKASD</p> <p>QLQVGVEFEASTRMQDTSVSFGYQLDLPKANLLFKGSVDSNWIVGATLEKKLPPLPL</p> <p>TLALGAFLNHRKNKFQCGFGLTIG</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                     |

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|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                         |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.                                          |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>        | TOMM40 translocase of outer mitochondrial membrane 40 homolog (yeast) [ Homo sapiens ]                                                                                                                                                                                                                 |
| <b>Official Symbol</b>  | TOMM40                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>         | TOMM40; translocase of outer mitochondrial membrane 40 homolog (yeast); mitochondrial import receptor subunit TOM40 homolog; C19orf1; D19S1177E; PER EC1; PEREC1; TOM40; p38.5; protein Haymaker; mitochondrial outer membrane protein; translocase of outer membrane 40 kDa subunit homolog; PER-EC1; |
| <b>Gene ID</b>          | 10452                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>      | NM_001128916                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_001122388                                                                                                                                                                                                                                                                                           |
| <b>MIM</b>              | 608061                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>       | O96008                                                                                                                                                                                                                                                                                                 |

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