

# Recombinant Human TOMM70A cell lysate

**Cat. No.** TOMM70A-1809HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                            |
| <b>Description</b>    | The translocase of outer mitochondrial membrane (TOM) complex is a multisubunit complex involved in the recognition, unfolding, and translocation of preproteins into the mitochondria. See TIM17A (MIM 605057). |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                           |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                        |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TOMM70A translocase of outer mitochondrial membrane 70 homolog A (S. cerevisiae) [ Homo sapiens ]                                                                                                                                                                                                                   |
| <b>Official Symbol</b> | TOMM70A                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | 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 |

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|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
|                     | subunit; mitochondrial precursor proteins import receptor; FLJ90470;                                            |
| Gene ID             | 9868                                                                                                            |
| mRNA Refseq         | NM_014820                                                                                                       |
| Protein Refseq      | NP_055635                                                                                                       |
| MIM                 | 606081                                                                                                          |
| UniProt ID          | O94826                                                                                                          |
| Chromosome Location | 3q12.2                                                                                                          |
| Pathway             | Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import, organism-specific biosystem; |
| Function            | protein binding; protein transmembrane transporter activity;                                                    |

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