



# Recombinant Human Mitochondrial import receptor subunit TOM34 (TOMM34)

<b>Product Code</b>	CSB-YP623014HU
<b>Abbreviation</b>	TOMM34
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q15785
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAPKFPDSVE ELRAAGNESF RNGQYAEASA LYGRALRVLQ AQGSSDPEEE SVLYSNRAAC HLKDGNCRDC IKDCTSALAL VPFSIKPLLR RASAYEALEK YPMAYVDYKT VLQIDDNVTS AVEGINRMTR ALMDSLGP EW RLKLP SIPLV PVSAQKRWNS LPSENHKEMA KSKSKETTAT KNRVPSAGDV EKARVLKEEG NELVKKGNHK KAIEKYSESL LCSNLESATY SNRALCYLVL KQYTEAVKDC TEALKLDGKN VKAFYRRAQA HKALKDYKSS FADISNLLQI EPRNGPAQKL RQEVKQNLH
<b>Source</b>	Yeast
<b>Target Names</b>	TOMM34
<b>Protein Names</b>	Recommended name: Mitochondrial import receptor subunit TOM34 Short name= hTom34 Alternative name(s): Translocase of outer membrane 34 kDa subunit
<b>Expression Region</b>	1-309
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is involved in the import of precursor proteins into mitochondria. The encoded protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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**Shelf Life**

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