



Recombinant Human Mitochondrial import receptor subunit TOM34 (TOMM34)

Product Code	CSB-EP623014HU-B
Abbreviation	TOMM34
Storage	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.
Uniprot No.	Q15785
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAPKFPDSVE ELRAAGNESF RNGQYAEASA LYGRALRVLQ AQGSSDPEEE SVLYSNRAAC HLKDGNCRDC IKDCTSALAL VPFSIKPLLR RASAYEALEK YPMAYVDYKT VLQIDDNVTS AVEGINRMTR ALMDSLGP EW RLKLPSIPLV PVSAQKRWNS LPSENHKEMA KSKSKETTAT KNRVPSAGDV EKARVLKEEG NELVKKGNHK KAIEKYSESL LCSNLESATY SNRALCYLVL KQYTEAVKDC TEALKLDGKN VKAFYRRAQA HKALKDYKSS FADISNLLQI EPRNGPAQKL RQEVKQNLH
Source	E.coli
Target Names	TOMM34
Protein Names	Recommended name: Mitochondrial import receptor subunit TOM34 Short name= hTom34 Alternative name(s): Translocase of outer membrane 34 kDa subunit
Expression Region	1-309
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.

Shelf Life

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