

# Recombinant Human Mitochondrial import inner membrane translocase subunit Tim17-A(TIMM17A)



Catalog No: #AP76908

Orders: order@signalwayantibody.com

Package Size: #AP76908-1 20ug #AP76908-2 100ug #AP76908-3 1mg

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant Human Mitochondrial import inner membrane translocase subunit Tim17-A(TIMM17A)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-171aaSequence Info:Full Length
Other Names	Inner membrane preprotein translocase Tim17a
Accession No.	Q99595
Uniprot	Q99595
GeneID	10440;
Calculated MW	45 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MEEYAREPCPWRIWDDCGGAFTMGITGGGIFQAIKGFNRNSPVGVNHLRGLSLTAIKTRAPQLGGFAVWVWGL FSMIDCSMVQVRGKEDPWNSITSGALTGAILAARNGPVMVGSAAAMGGILLALIEGAGILLTRFASAQFPNGPQ FAEDPSQLPSTQLPSSPFGDYRQYQ
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Essential component of the TIM23 complex, a complex that mediates the translocation of transit peptide-containing proteins across the mitochondrial inner membrane.

## References

"The preprotein translocase of the inner mitochondrial membrane: evolutionary conservation of targeting and assembly of Tim17."

Boemer U., Rassow J., Zufall N., Pfanner N., Meijer M., Maarse A.C.

J. Mol. Biol. 262:389-395(1996)Research Topic:Signal Transduction

Note: This product is for in vitro research use only