

# Recombinant human Microtubule-associated protein 1S

Catalog No: #AP72220

Orders: order@signalwayantibody.com

Package Size: #AP72220-1 20ug #AP72220-2 100ug #AP72220-3 1mg

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant human Microtubule-associated protein 1S
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:794-1053aaSequence Info:Partial
Other Names	BPY2-interacting protein 1;Microtubule-associated protein 8;Variable charge Y chromosome 2-interacting protein 1 ;VCY2-interacting protein 1 ;VCY2IP-1
Accession No.	Q66K74
Uniprot	Q66K74
GeneID	55201;
Calculated MW	31.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LSSDPVPLAPGAADSDEDTEGFGVPRHDPLDPLKVPPLPDPSSICMVDPEMLPPKTARQTENVSRTRKP LARPNSRAAPKATPVAAAKTKGLAGGDRASRPLSARSEPSEKGGRAPLSRKSSTPKTATRGPSGSASSRPG VSATPPKSPVYLDLAYLPSGSSAHLVDEEFFQRVRALCYVISGQDQRKEEGMRAVL DALLASKQHWRDLQV TLIPTFDSVAMHTWYAETHARHQALGITVLGNSMVMQDDAFP
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

Microtubule-associated protein that mediates aggregation of mitochondria resulting in cell death and genomic destruction (MAGD). Plays a role in anchoring the microtubule organizing center to the centrosomes. Binds to DNA. Plays a role in apoptosis. Involved in the formation of microtubule bundles .

## References

Identification and characterization of a VCY2 interacting protein-1; VCY2IP-1, a MAP-like protein.Wong E.Y., Tse J.Y., Yao K.-M., Lui V.C., Tam P.-C., Yeung W.S.Biol. Reprod. 70:775-784(2004)Research Topic:Apoptosis

Note: This product is for in vitro research use only