

Recombinant Human Twinfilin-2(TWF2)

Catalog No: #AP76766



Package Size: #AP76766-1 20ug #AP76766-2 100ug #AP76766-3 1mg

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Description

Product Name	Recombinant Human Twinfilin-2(TWF2)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-349aaSequence Info:Full Length
Other Names	A6-related protein
Accession No.	Q6IBS0
Uniprot	Q6IBS0
GeneID	11344;
Calculated MW	66.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AHQTGIHATEELKEFFAKARAGSVRLIKVVEDEQLVLGASQEPVGRWDQDYDRAVLPLLLDAQQPCYLLYRLD SQNAQGFEWLFLAWSPDNSPVRLKMLYAATRATVKKEFGGGHIKDELFGTVKDDLSFAGYQKHLSSCAAPAP L TSAERELQQIRINEVKTEISVESKHQTLQGLAFPLQPEAQRALQQLKQKMVNYIQMKLDERETIELVHTEPTD VAQLPSRVPRDAARYHFFLYKHTHEGDPLESVVFIYSMPGYKCSIKERMLYSSCKSRLLDSVEQDFHLEIAKKI EIGDGAELTAEFLYDEVHPKQHAFKQAFKPKGPGGKRGHKRLIRGPGENGDDS
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

Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles. May play a role in regulating the mature length of the middle and short rows of stereocilia

References

"A quantitative atlas of mitotic phosphorylation."

Dephoure N., Zhou C., Villen J., Beausoleil S.A., Bakalarski C.E., Elledge S.J., Gygi S.P.

Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008) Research Topic:Signal Transduction

Note: This product is for in vitro research use only