

Product datasheet for TP505278

Twf2 (NM_011876) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse twinfilin actin binding protein 2 (Twf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR205278 protein sequence
 Red=Cloning site Green=Tags(s)

MAHQTGIHATEELKEFFAKARAGSIRLIKVIIIEDEQLVLGASQEPVGRWDQDYDRAVLPLLLDAQEPCYLL
 FRLDSQNAQGFEWLFLAWSPDNSPVRLKMLYAATRATVKKEFGGGHIKDELFGTVKDDLSLAGYQKHLSS
 CAAPAPLTSARELQQIRINEVKTEISVESKHQTLQGLAFPLQPEAQRALQQLKQKTVNYIQLKDLERE
 TIELVHTEPTNVAQLPSRIPRDAARYHFFLYKHTHEGDALESVFIYSMPGYKCSIKERMLYSSCKSRLL
 DSVEQDFQLEIAKKIEIGDGAELTAEFLYDEVHPKQHAFKQAFAPKPGPGGKRGHKRLIRGPGENGEDS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 39.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_036006](#)

Locus ID: 23999

UniProt ID: [Q9Z0P5](#)



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RefSeq Size:	1594
Cytogenetics:	9 F1
RefSeq ORF:	1047
Synonyms:	A6-related; AU014993; Ptk9l; Ptk9r
Summary:	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.[UniProtKB/Swiss-Prot Function]