

Recombinant Mouse Twf2 Protein, Myc/DDK-tagged

Cat. No. Twf2-6739M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length twinfilin actin binding protein 2 (Twf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	39.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Twf2 twinfilin actin binding protein 2 [Mus musculus (house mouse)]
Official Symbol	Twf2
Synonyms	TWF2; twinfilin, actin-binding protein, homolog 2 (Drosophila); twinfilin-2; mA6RP; twinfilin-1-like protein; protein tyrosine kinase 9 related protein; protein tyrosine kinase 9-like (A6-related protein); PTK9 protein tyrosine kinase 9-like (A6-related protein); Ptk9l; Ptk9r; AU014993; A6-related
Gene ID	23999
mRNA Refseq	NM_011876
Protein Refseq	NP_036006
UniProt ID	Q9Z0P5

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