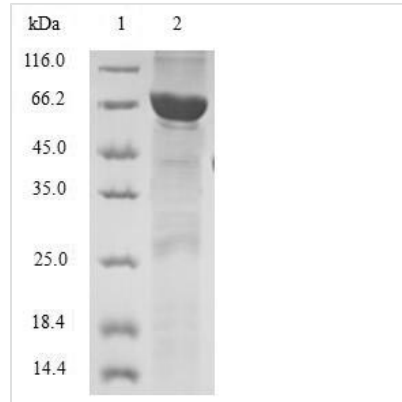




Recombinant Human Twinfilin-2 (TWF2)

Product Code	CSB-EP764224HU
Relevance	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
Abbreviation	Recombinant Human TWF2 protein
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.
Uniprot No.	Q6IBS0
Alias	A6-related protein
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AHQGTGIHATEELKEFFAKARAGSVRLIKVVEDEQLVLGASQEPVGRWDQDYD RAVLPLLLDAQPCYLLYRLDSQNAQGFEWLFLAWSPDNSPVRLKMLYAATRA TVKKEFGGGHIKDELFGTVKDDL SFAGYQKHLSSCAAPAPL TSAERELQQIRIN EVKTEISVESKHQTLQGLAFPLQPEAQRALQQLKQKMVNYIQMKLDLERETIEL VHTEPTDVAQLPSRVPRDAARYHFFLYKHTHEGDPLESVVFIIYSMPGYKCSIK ERMLYSSCKSRLLDSVEQDFHLEIAKKIEIGDGAELTAEFLYDEVHPKQHAFKQ AFAKPKGPGGKRGHKRLIRGPGENGDDS
Research Area	Signal Transduction
Source	E.coli
Target Names	TWF2
Protein Names	Recommended name: Twinfilin-2 Alternative name(s): A6-related protein Short name= hA6RP Protein tyrosine kinase 9-like Twinfilin-1-like protein
Expression Region	1-349aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	66.4kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.