

Twinfilin-1 Human Recombinant

Item Number	rAP-3761
Synonyms	Twinfilin-1, Protein A6, Protein tyrosine kinase 9, TWF1, PTK9.
Description	TWF1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 277 amino acids (1-252 a.a.) and having a molecular mass of 31.5kDa. TWF1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q12792
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMMLYAA TRATLKKEFG GGHIKDEVFG TVKEDVSLHG YK-KYLLSQSS PAPLTAAEEE LRQIKINEVQ TDVGVDTKHQ TLQGVAFPIS REAFQALEKL NNRQLNYVQL EIDIKNEIII LANTNTELK DLPKRIPKDS ARYHFFLYKH SHEGDYLESI VFIYSMPGYT CSIRERMLYS SCKSRLLLEIV ERQLQMDVIR KIEIDNGDEL TADFLYEEVH PKQHAHKQSF AKPKGPAAGR GIRRLIRGPA ETEATTD.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TWF1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**