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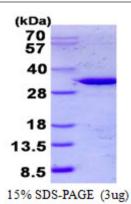
AR50504PU-N Human TULP1 (290-542, His-tag) - Purified

Alternate names:	TUBL1, Tubby-like protein 1, Tubby-related protein 1
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	Tubby-related protein 1, also known as TULP1, is a member of the TULP family of four proteins (TUB and TULP1, -2, and -3), characterized structurally by the highly conserved C-terminal half of the protein. In the retina, TULP1 is found exclusively in photoreceptor cells, localizing primarily in the inner segments and connecting cilium and to a lesser extent in the perinuclear cytoplasm and synaptic termini.
Uniprot ID:	<u>000294</u>
NCBI:	<u>NP_003313</u>
GenelD:	7287
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 5mM DTT, 2mM EDTA
Description:	Recombinant human TULP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSEPREFVL RPAPQGRTVR CRLTRDKKGM DRGMYPSYFL HLDTEKKVFL LAGRKRKRSK TANYLISIDP TNLSRGGENF IGKLRSNLLG NRFTVFDNGQ NPQRGYSTNV ASLRQELAAV IYETNVLGFR GPRRMTVIIP GMSAENERVP IRPRNASDGL LVRWQNKTLE SLIELHNKPP VWNDDSGSYT LNFQGRVTQA SVKNFQIVHA DDPDYIVLQF GRVAEDAFTL DYRYPLCALQ AFAIALSSFD GKLACE Molecular weight: 31.1 kDa (276aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Xi Q., et al. (2005) Invest. Ophthalmol. Vis. Sci. 46:4754-4761Caberoy N.B., et al. (2010) Exp. Cell Res. 316:245-257

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