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Datasheet for ABIN7565290
TULP1 Protein (AA 1-543) (His tag)

Overview

Quantity:	1 mg
Target:	TULP1
Protein Characteristics:	AA 1-543
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TULP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tulp1 Protein expressed in mammalian cells.
Sequence:	<p>MPLQEETLRE VWASDSGHEE DCLSPEPPLR PKQRPAQGQK LRKKKPETPD SLESKPRKAG AGRRKHEEPP ADSAEPRAAQ TVYAKFLRDP EAKKRDPREN FLVARAPDLG GEENSEEDSD DDNDDDDEEE EEKKEGKKEK SSLPPKKAPK EREKKAKALG PRGDVGSPDA PRKPLRTHKKK EVGEGTKLRK AKKKGPGETD KDPAGSPAAL RKEFPAAMFL VEGEGAAEKG VKKKGPPKGS EEEEKEEEEE VEEEVASAVM KNSNQKGRAK GKGKKKVKEE RASSPPVEVG EPREFVLQPA PQGRAVRCRL TRDKKGMDRG MYPYFLHLD TEKKVFLLAG RKRKRSTAN YLISSDPTNL SRGGENFIGK LRSNLLGNRF TVFDNGQNPQ RGGGGDVGSL RQELAAVVYE TNVLGFRGPR RMTVIIPGMN SDNERVPIRP RNASDGLLVR WQNKTLESLI ELHNKPIIWN EDSGSYTLNF QGRVTQASVK NFQIVHADDP DYIVLQFGRV AEDAFTLDYR YPLCALQAF AIALSSFDGKL ACE</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TULP1

Alternative Name: Tulp1 ([TULP1 Products](#))

Background: Tubby-related protein 1 (Tubby-like protein 1),FUNCTION: Required for normal development of photoreceptor synapses. Required for normal photoreceptor function and for long-term survival of photoreceptor cells. Interacts with cytoskeleton proteins and may play a role in protein transport in photoreceptor cells. Binds lipids, especially phosphatidylinositol 3-phosphate, phosphatidylinositol 4-phosphate, phosphatidylinositol 5-phosphate, phosphatidylinositol 3,4-bisphosphate, phosphatidylinositol 4,5-bisphosphate, phosphatidylinositol 3,4,5-bisphosphate, phosphatidylserine and phosphatidic acid (in vitro) (By similarity). Contribute to stimulation of phagocytosis of apoptotic retinal pigment epithelium (RPE) cells and macrophages. {ECO:0000250, ECO:0000269|PubMed:11481257, ECO:0000269|PubMed:17525220, ECO:0000269|PubMed:19218615, ECO:0000269|PubMed:19837063}.

Molecular Weight: 60.3 kDa

Target Details

UniProt: [Q9Z273](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
