

Datasheet for ABIN7555901  
**TULP1 Protein (AA 1-542) (His tag)**



[Go to Product page](#)

## Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 1 mg                                         |
| Target:                       | TULP1                                        |
| Protein Characteristics:      | AA 1-542                                     |
| Origin:                       | Human                                        |
| 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>MPLRDETLRE VWASDSGHEE ESLSPEAPRR PKQRPAPAQR LRKKRTEAPE SPCPTGSKPR<br/>KPGAGRTGRP REEPSDDPAQ ARAPQTVYAR FLRDPEAKKR DPRETFLVAR APDAEDEEEEE<br/>EEEEDEEEEE EAEKKKEKIL LPPKKPLREK SSADLKERRA KAQGPRGDLG SPDPPPKPLR<br/>VRNKEAPAGE GTKMRKTKKK GSGEADKDPS GSPASARKSP AAMFLVGEKS PDKKALKKKG<br/>TPKGARKEEE EEEEEATVIK KSNQKKGAKG KGKKKAKEER APSPPVEVDE PREFVLRPAP<br/>QGRTVRCRLT RDKKGMDRGM YPSYFLHLDL EKKVFLLAGR KRKRSKTANY LISIDPTNLS<br/>RGGENFIGKL RSNLLGNRFT VFDNGQNPQR GYSTNVASLR QELAAVIYET NVLGFGRPRR<br/>MTVIIPGMSA ENERVPIRPR NASDGLLVRW QNKTLESLIE LHNKPPVWND DSGSYTLNFQ<br/>GRVTQASVKN FQIVHADDPD YIVLQFGRVA EDAFTLDYRY PLCALQAFAI ALSSFDGKLA CE</p> <p><b>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.</b></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 (By similarity). 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). Contribute to stimulation of phagocytosis of apoptotic retinal pigment epithelium (RPE) cells and macrophages. {ECO:0000250, ECO:0000269|PubMed:16303976, ECO:0000269|PubMed:19837063}.

---

**Molecular Weight:** 60.6 kDa

---

## Target Details

---

UniProt: [O00294](#)

---

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

---