

## Product datasheet for **TP303473M**

### **TAGLN2 (NM\_003564) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human transgelin 2 (TAGLN2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC203473 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MANRGPAYGLSREVQQKIEKQYDADLEQILIQWITTQCRKDVGRPQPGRENFQNLKDGTVLCELINALY  
PEGQAPVKKIQASTMAFKQMEQISQFLQAAERYGINTTDIFQTVDLWEGKNMACVQRTLMNLGGLAVARD  
DGLFSGDPNWFPPKSKENPRNFSDNQLQEGKNVIGLQMGNTNRGASQAGMTGYGMPRQIL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Bioactivity:** ELISA standard (PMID: [26081836](#))

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_003555](#)

**Locus ID:** 8407

**UniProt ID:** [P37802](#), [A0A384MTL2](#)



[View online >](#)

RefSeq Size: 1419

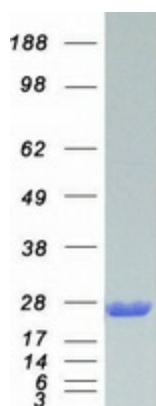
Cytogenetics: 1q23.2

RefSeq ORF: 597

Synonyms: HA1756

**Summary:** The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

### Product images:



Coomassie blue staining of purified TAGLN2 protein (Cat# [TP303473]). The protein was produced from HEK293T cells transfected with TAGLN2 cDNA clone (Cat# [RC203473]) using MegaTran 2.0 (Cat# [TT210002]).