

## Product datasheet for **TP502069**

### TagIn (NM\_011526) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse transgelin (TagIn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR202069 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MANKGPSYGMSREVQSKIEKKYDEELEERLVEWIVVQCGPDVGRPDRGRLGFQVWLKNGVILSKLVNSLY  
PEGSKPVKVPENPPSMVFKQMEQVAQFLKAAEDYGVIKTDMFQTVDLYEGKDMAAVQRTLMALGSLAVTK  
NDGNYRGDPNWFMKKAQEHKRDFDTSQLQEGKHVIGLQMGSNRGASQAGMTGYGRPRQIIS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 22.6 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

**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 after receiving vials.

**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\\_035656](#)

**Locus ID:** 21345

**UniProt ID:** [P37804](#)

**RefSeq Size:** 1586

**Cytogenetics:** 9 25.36 cM



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RefSeq ORF: 606

Synonyms: Sm2; Sm22; Sm22a; Ws310

**Summary:** This gene encodes a smooth muscle cell-specific cytoskeletal protein. The encoded protein is structurally similar to calponin, an actin-binding protein. In mouse models of atherosclerosis the gene product may be involved in plaque cell and atherosclerotic lesion formation during atherogenesis. [provided by RefSeq, Mar 2010]