

Recombinant Mouse TagIn Protein, Myc/DDK-tagged

Cat. No. TagIn-6284M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transgelin (TagIn), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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]
Molecular Mass	22.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tagln transgelin [Mus musculus (house mouse)]
Official Symbol	Tagln
Synonyms	TAGLN; transgelin; Sm22alpha; SM22-alpha; actin-associated protein p27; smooth muscle protein 22-alpha; Sm22; Sm22a; Ws310
Gene ID	21345
mRNA Refseq	NM_011526
Protein Refseq	NP_035656
UniProt ID	P37804

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