

Recombinant Human TAGLN protein, MYC/DDK-tagged

Cat. No. TAGLN-302H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAGLN, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a transformation and shape-change sensitive actin cross-linking/gelling protein found in fibroblasts and smooth muscle. Its expression is down-regulated in many cell lines, and this down-regulation may be an early and sensitive marker for the onset of transformation. A functional role of this protein is unclear. Two transcript variants encoding the same protein have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	22.4 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TAGLN transgelin [Homo sapiens]
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Official Symbol	TAGLN
Synonyms	TAGLN; transgelin; DKFZp686P11128; SM22; SM22 alpha; SMCC; TAGLN1; transgelin variant 2; WS3 10; SM22-alpha; 22 kDa actin-binding protein; smooth muscle protein 22-alpha; WS3-10; DKFZp686B01212;
Gene ID	6876
mRNA Refseq	NM_001001522
Protein Refseq	NP_001001522
MIM	600818
UniProt ID	Q01995
Chromosome Location	11q23.2
Function	actin binding;

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