

Recombinant Human TAGLN, His-tagged

Cat. No. TAGLN-30926TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 4-201 of Human SM22 alpha with N terminal His tag; 198 amino acids, 26kDa.
Species	Human
Source	E.coli
ProteinLength	4-201 a.a.
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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 115 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Store at 4°C. Upon reconstitution store at -80oC.

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Sequences of amino acids KGPSYGMSREVQSKIEKKYDEELEERLVEWIIVQCGPDVG RPDRGRLGFQVWLKN
 GVILSKLVNSLYPDGSKPVKVPE NPPSMVFKQMEQVAQFLKAAEDYGVIKTDMFQT
 VDLFEGK DMAAVQRTLALGSLAVTKNDGHYRGDPNWFMKKAQEH KREFTESQL
 QEGKHVIGLQMGSNRGASQAGMTGYGRPR QIIS

Sequence Similarities Belongs to the calponin family.Contains 1 calponin-like repeat.Contains 1 CH (calponin-homology) domain.

GENE INFORMATION

Gene Name TAGLN transgelin [Homo sapiens]

Official Symbol TAGLN

Synonyms TAGLN; transgelin; DKFZp686P11128; SM22; SM22 alpha; SMCC; TAGLN1; transgelin variant 2; WS3 10;

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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