

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: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Store at 4°C. Upon reconstitution store at -80oC.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids	KGPSYGMSREVQSKIEKKYDEELEERLVEWIIVQCGPDVG RPDRGRLGFQVWLKN GVILSKLVNSLYPDGSKPVKVPE NPPSMVFKQMEQVAQFLKAAEDYGVIKTDMFQT VDLFEGK DMAAVQRTLALGSLAVTKNDGHYRGDPNWFMMKKAQEH 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;