Recombinant Human TAGLN protein, GST-tagged

Cat. No. TAGLN-3109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAGLN protein(1-201 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-201 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MANKGPSYGMSREVQSKIEKKYDEELEERLVEWIIVQCGPDVGRPDRGRLGFQVW LKNGVILSKLVNSLYPDGSKPVKVPENPPSMVFKQMEQVAQFLKAAEDYGVIKTDMF QTVDLFEGKDMAAVQRTLMALGSLAVTKNDGHYRGDPNWFMKKAQEHKREFTES QLQEGKHVIGLQMGSNRGASQAGMTGYGRPRQIIS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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	g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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; 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

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