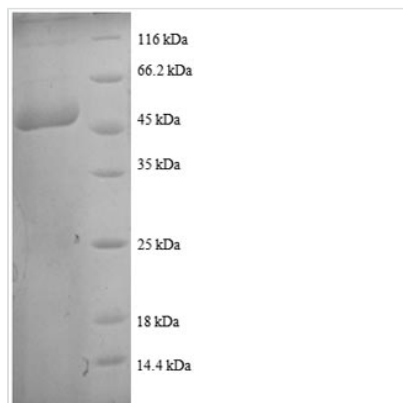




Recombinant Human Transgelin (TAGLN)

Product Code	CSB-RP008044h
Relevance	Actin cross-linking/gelling protein . Involved in calcium interactions and contractile properties of the cell that may contribute to replicative senescence.
Abbreviation	Recombinant Human TAGLN protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q01995
Alias	22 kDa actin-binding protein;Protein WS3-10Smooth muscle protein 22-alpha ;SM22-alpha
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ANKGPSYGMSREVQSKIEKKYDEELEERLVEWIIVQCGPDVGRPDRGRLGFQ VWLKNGVILSKLVNSLYPDGSKPKVPENPPSMVFKQMEQVAQFLKAAEDYG VIKTDMFQTVDLFEGKDMAAVQRTLALGSLAVTKNDGPHYRGDPNWFMKKA QEHKREFTESQLQEGKHVIGLQMGSNRRGASQAGMTGYGRPRQIIS
Research Area	Signal Transduction
Source	E.coli
Target Names	TAGLN
Expression Region	2-201aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	49.5kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.