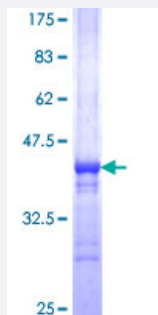


TAGLN (Human) Recombinant Protein (Q01)

Catalog # H00006876-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TAGLN partial ORF (NP_001001522, 19 a.a. - 112 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EKKYDEELEERLVEWIVQCGPDVGRPDGRGLGFQVWLKNGVILSKLVNSLYPDGSKPVKVPEN PPSMVFKQMEQVAQFLKAAEDYGVIKTDMF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.08
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TAGLN

Entrez GeneID	6876
GeneBank Accession#	NM_001001522
Protein Accession#	NP_001001522
Gene Name	TAGLN
Gene Alias	DKFZp686P11128, SM22, SMCC, TAGLN1, WS3-10
Gene Description	transgelin
Omim ID	600818
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	SM22-alpha transgelin variant 2

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)