

Transgelin Human Recombinant

Item Number	rAP-4976
Synonyms	SM22, SMCC, TAGLN1, WS3-10, Transgelin, Smooth muscle protein 22-alpha, SM22-alpha, TAGLN, DKFZp686B01212, DKFZp686P11128.
Description	TAGLN Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-201 a.a.) and having a molecular mass of 24.8 kDa. The TAGLN is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q01995
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MANKGPSYGM SREVQSKIEK KYDEELEERL VEWIIVQCGP DVGRP-DRGRL GFQVWLKNGV ILSKLVNSLY PDGSKPVKVP ENPPSMVFKQ MEQVAQFLKA AEDYGVKTD MFQTVDLFEG KDMAAVQRTL MALGSLAVTK NDGHYRGDPN WFMKKAQEHK REFTESQLQE GKH-VIGLQMG SNRGASQAGM TGYGRPRQII S.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TAGLN Human solution containing 20mM Tris-HCl pH-7.5, 1mM DTT & 20% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**