

Recombinant Human Transgelin 3, His-tagged

Cat. No. TAGLN3-6879H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TAGLN3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 24.6 kDa.
Species	Human
Source	E.coli
ProteinLength	1-199aa
Description	TAGLN3, also known as transgelin-3, contains a putative Actin-binding domain, two EF-hand motifs, two potential phosphorylation sites and a calponin-homology (CH) domain. It shares homology with transgelin and calponin, two cytoskeleton-interacting proteins. Due to a varied expression pattern, it may play different roles in the developing and adult brain.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 1mM DTT.
Molecular Mass	24.6 kDa (219aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MANRGPSYGL SREVQEKIEQ KYDADLENKL VDWILQCAE DIEHPPGGR HFQKWLM DGT VLCKLINS LY PPGQEPIPKI SESKMAFKQM EQISQFLKAA ETYGVRTTDI FQTVDLWEGK DMAAVQRTL M ALGSVAVT KD DGCYRGEPSW FHRKAQQNRR GFSEEQLRQG QNVIGLQMGS NKGASQAGMT GYGMPRQIM

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	TAGLN3 transgelin 3 [Homo sapiens]
Official Symbol	TAGLN3
Synonyms	TAGLN3; transgelin 3; transgelin-3; NP22; NP25; neuronal protein 22; neuronal protein NP25;
Gene ID	29114
mRNA Refseq	NM_001008272
Protein Refseq	NP_001008273
MIM	607953
UniProt ID	Q9UI15
Chromosome Location	3q13.2

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