9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TAGLN3 Human

Transgelin-3 Human Recombinant
RCP2319

Product Overview

Name	TAGLN3 Human
Description	
Transgelin-3 Human Recombinant	
Accession (Primary)	Q9UI15
Synonyms	
Transgelin 3, NP22, NP25, Neuronal protein 22, Neuronal protein NP25.	
Introduction	
TAGLN3 holds a putative Actin-binding domain, two potential phosphorylation sites, two EF-hand motifs and a calponin-homology (CH) domain. TAGLN3 is homologic to transgelin and calponin, two cytoskeleton-interacting proteins. TAGLN3 is a member of the calponin family, and is co-localized with Actin and tubulin, which indicates that TAGLN3 has a part in neuronal plasticity or as a signaling protein. As a result of a wide-ranging expression pattern, TAGLN3 is able to take different roles in the developing and adult brain.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The TAGLN3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 20% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MANRGPSYGL SREVQEKIEQ KYDADLENKL VDWIILQCAE DIEHPPPGRA HFQKWLMDGT VLCKLINSLY PPGQEPIPKI SESKMAFKQM EQISQFLKAA ETYGVRTTDI FQTVDLWEGK DMAAVQRTLM ALGSVAVTKD DGCYRGEPSW FHRKAQQNRR GFSEEQLRQG QNVIGLQMGS NKGASQAGMT GYGMPRQIM	

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Precautions

TAGLN3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UI15)