

Product datasheet for PH303473

TAGLN2 (NM_003564) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TAGLN2 MS Standard C13 and N15-labeled recombinant protein (NP_003555)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203473
Predicted MW:	22.4 kDa
Protein Sequence:	>RC203473 protein sequence Red =Cloning site Green =Tags(s) MANRGPAYGLSREVQKIEKQYDADLEQILIQWITTQCRKDVGRPQPGRENFQNWLDGTVLCELINALY PEGQAPVKKIQASTMAFKQMEQISQFLQAAERYGINTTDIFQTVDLWEGKNMACVQRTLMLGGLAVARD DGLFSGDPNWFPKKSKENPRNFSDNQLQEGKNVIGLQMGTNRGASQAGMTGYGMPRQIL TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003555
RefSeq Size:	1419
RefSeq ORF:	597
Synonyms:	HA1756
Locus ID:	8407
UniProt ID:	P37802 , A0A384MTL2

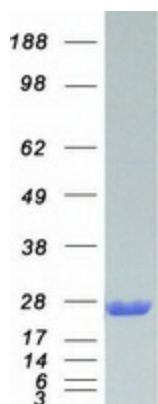


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Cytogenetics: 1q23.2

Summary: The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

Product images:



Coomassie blue staining of purified TAGLN2 protein (Cat# [TP303473]). The protein was produced from HEK293T cells transfected with TAGLN2 cDNA clone (Cat# [RC203473]) using MegaTran 2.0 (Cat# [TT210002]).