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Product datasheet for PH317523

TRARG1 (NM_172367) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TUSC5 MS Standard C13 and N15-labeled recombinant protein (NP_758955)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217523
Predicted MW:	19.1 kDa
Protein Sequence:	>RC217523 representing NM_172367 Red=Cloning site Green=Tags(s) MAHPVQSEFPSAQEPGSAASLDLPEMEILLTKAENKDDKTLNLSKTLSGPLDLEQNGQGLPFKAISEGHL EAPLPRSPSRASSRRASSIATTSYAQDQEAPRDYLILAVVACFCPVWPLNLIPLIISIMSRSSMQQGNVD GARRLGRLARLLSITLIIMGIVIIMVAVTVNFTVQKK SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
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_758955
RefSeq Size:	3616
RefSeq ORF:	531
Synonyms:	BEC-1; DSPB1; IFITMD3; LOST1; TUSC5
Locus ID:	286753
UniProt ID:	Q8IXB3

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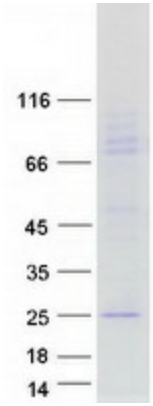
Cytogenetics: 17p13.3

Summary: Regulates insulin-mediated adipose tissue glucose uptake and transport by modulation of SLC2A4 recycling. Not required for SLC2A4 membrane fusion upon an initial stimulus, but rather is necessary for proper protein recycling during prolonged insulin stimulation. [UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TRARG1 protein (Cat# [TP317523]). The protein was produced from HEK293T cells transfected with TRARG1 cDNA clone (Cat# [RC217523]) using MegaTran 2.0 (Cat# [TT210002]).