

Product datasheet for PH303444

MID1IP1 (NM_021242) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MID1IP1 MS Standard C13 and N15-labeled recombinant protein (NP_067065)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203444
Predicted MW:	20.2 kDa
Protein Sequence:	>RC203444 protein sequence Red=Cloning site Green=Tags(s) MMQICDTYNQKHSLFNAMNRFIGAVNNMDQTMVPSLLRDVPLADPGLDNDVGVEVGGSGGLEERTPPV PDSGSANGSFFAPSRDMYSHYVLLKSIRNDIEWGLHQP PPPAGSEECSAWKSKDILVDLGHLEGADAGE EDLEQQFHYHLRGLHTVLSKLRKANILTNRYKQEIGFGNUGH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_067065
RefSeq Size:	3795
RefSeq ORF:	549
Synonyms:	G12-like; MIG12; S14R; STRAIT11499; THRSPL
Locus ID:	58526
UniProt ID:	Q9NPA3

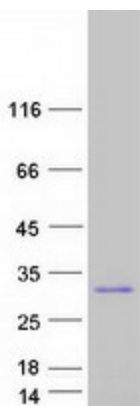


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Cytogenetics: Xp11.4

Summary: Plays a role in the regulation of lipogenesis in liver. Up-regulates ACACA enzyme activity. Required for efficient lipid biosynthesis, including triacylglycerol, diacylglycerol and phospholipid. Involved in stabilization of microtubules (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MID1IP1 protein (Cat# [TP303444]). The protein was produced from HEK293T cells transfected with MID1IP1 cDNA clone (Cat# [RC203444]) using MegaTran 2.0 (Cat# [TT210002]).