

## Product datasheet for PH321845

### MID1IP1 (NM\_001098791) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MID1IP1 MS Standard C13 and N15-labeled recombinant protein (NP_001092261)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221845
Predicted MW:	20.2 kDa
Protein Sequence:	>RC221845 protein sequence Red=Cloning site Green=Tags(s)  MMQICDTYNQKHSLFNAMNRFIGAVNNMDQTMVPSLLRDVPLADPGLDNDVGVEVGGSGGLEERTPPV PDSGSANGSFFAPSRDMYSHYVLLKSIRNDIEWGLHQPPPPAGSEEGSAWKS KDILVDLGHLEGADAGE EDLEQQFHYHLRGLHTVLSKLRKANILTNRYKQEIGFGNWH  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001092261</a>
RefSeq Size:	1916
RefSeq ORF:	549
Synonyms:	G12-like; MIG12; S14R; STRAIT11499; THRSPL
Locus ID:	58526
UniProt ID:	<a href="#">Q9NPA3</a>

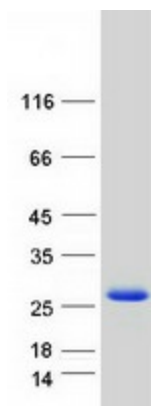


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**Cytogenetics:** Xp11.4

**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# [TP321845]). The protein was produced from HEK293T cells transfected with MID1IP1 cDNA clone (Cat# [RC221845]) using MegaTran 2.0 (Cat# [TT210002]).