

Product datasheet for PH308609

MDP1 (NM_138476) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MDP1 MS Standard C13 and N15-labeled recombinant protein (NP_612485)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208609
Predicted MW:	20.1 kDa
Protein Sequence:	>RC208609 protein sequence Red=Cloning site Green=Tags(s) MARLPKLAVFDLDYTLWPFWVDTHVDPFHKSSDGTVRDRRGQDVRLYPEVPEVLKRLQSLGVPGAASR TSEIEGANQLLELFDLFRYFVHREIYPGSKITHFERLQQKTGIPFSQMIFDERRNIVDVSKLGVTCIH IQNGMNLQTL SQGLETFAKAQTGPLRSSLEESPFEA 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- 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_612485
RefSeq Size:	760
RefSeq ORF:	528
Synonyms:	FN6PASE; MDP-1
Locus ID:	145553
UniProt ID:	Q86V88

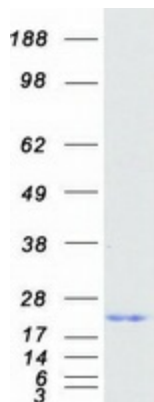


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Cytogenetics: 14q12

Summary: Magnesium-dependent phosphatase which may act as a tyrosine phosphatase.
[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MDP1 protein (Cat# [TP308609]). The protein was produced from HEK293T cells transfected with MDP1 cDNA clone (Cat# [RC208609]) using MegaTran 2.0 (Cat# [TT210002]).