

Product datasheet for PH309547

PMF1 (NM_007221) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PMF1 MS Standard C13 and N15-labeled recombinant protein (NP_009152)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209547
Predicted MW:	23.3 kDa
Protein Sequence:	>RC209547 protein sequence Red=Cloning site Green=Tags(s) MAEASSANLGSCEEKRHGSSSESVPPTTISRKLLDTMVDTFLLQKLVAAGSYQRFTDCYKCFYQLQP AMTQRIYDKFIAQLQTSIREEISDIKEEGNLEAVLNALDKIVEEGKVRKEPAWRPSGIPEKDLHSVIAPY FLQQRDTLRRHVQKQEAENQQLADAVLAGRRQVEELQLQVQAQQAWQALHREQRELVAVLREPE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_009152
RefSeq Size:	1122
RefSeq ORF:	615
Locus ID:	11243
UniProt ID:	Q6P1K2
Cytogenetics:	1q22

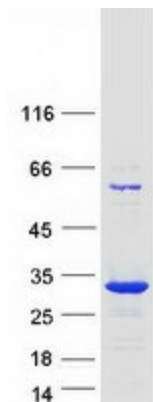


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Summary: Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.
[UniProtKB/Swiss-Prot Function]

Protein Families: Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified PMF1 protein (Cat# [TP309547]). The protein was produced from HEK293T cells transfected with PMF1 cDNA clone (Cat# [RC209547]) using MegaTran 2.0 (Cat# [TT210002]).