

## Product datasheet for PH307489

### MIF4GD (NM\_020679) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MIF4GD MS Standard C13 and N15-labeled recombinant protein (NP_065730)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207489
Predicted MW:	29.4 kDa
Protein Sequence:	>RC207489 protein sequence Red=Cloning site Green=Tags(s)  MGEPSREEYKIQSFDAETQQLLKTALKVACFETEDGEYSVCQRSYSNCSRLMPSRCNTQYRDPGAVDLEK VANVIVDHSLQDCVFSKEAGRMCIYAI IQAESKQAGQSVFRRGLLNRLQQEYQAREQLRARSLQGWCYVT FICNIFDYLRVNNPMMALVNPVYDCLFRLAQPDSL SKEEEVDCLVQLHRVGEQLEKMNQRMDEL FVL IRDGFLPTGLSSLAQLLLLLLEIEFRAAGWKTTAAHKY YSEVSD  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_065730</a>
RefSeq Size:	1441
RefSeq ORF:	768
Synonyms:	AD023; MIFD; SLIP1
Locus ID:	57409
UniProt ID:	<a href="#">A9UHW6</a> , <a href="#">A0A0S2Z5T5</a>



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Cytogenetics: 17q25.1

**Summary:** This gene encodes a protein which interacts with the N-terminus of the stem-loop binding protein (SLBP) and the 3' end of histone mRNA. This interaction facilitates the activation of histone mRNA translation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2011]

**Product images:**



Coomassie blue staining of purified MIF4GD protein (Cat# [TP307489]). The protein was produced from HEK293T cells transfected with MIF4GD cDNA clone (Cat# [RC207489]) using MegaTran 2.0 (Cat# [TT210002]).