

## Product datasheet for PH304934

### AMID (AIFM2) (NM\_032797) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	AIFM2 MS Standard C13 and N15-labeled recombinant protein (NP_116186)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204934
Predicted MW:	40.5 kDa
Protein Sequence:	>RC204934 protein sequence Red=Cloning site Green=Tags(s)
	MGSQVSVESGALHVIVVGGGFGGIAAASQLQALNVPFMLVDMKDSFHHNVAALRASVETGFAKKTFISYS VTFKDNFRQGLVVGIDLKNQMVLLQGGEALPFSHLILATGSTGPFPGKFNEVSSQAAIQAYEDMVRQVQ RSRFIVVVGGSAGVEMAAEIKTEYPEKEVTLIHSQVALADKELLPSVRQEYKEILLRKGVQLLLSERVS NLEELPLNEYREYIKVQTDKGTEVATNLVILCTGIKINSSAYRKAFESRLASSGALRVNEHLQVEGHSNV YAI GDCADV RTPK MAYLAGL HANI AVANI VNSVKQRPLQAYKPGALTFLLSMGRNDGVGQISGFVYVGRML VRLTKSRDLFVSTSWKTMRQSP
	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:	<u><a href="#">NP_116186</a></u>
RefSeq Size:	3253
RefSeq ORF:	1119
Synonyms:	AMID; FSP1; PRG3
Locus ID:	84883



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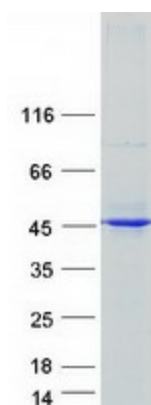
UniProt ID: [Q9BRQ8](#)

Cytogenetics: 10q22.1

Summary: This gene encodes a flavoprotein oxidoreductase that binds single stranded DNA and is thought to contribute to apoptosis in the presence of bacterial and viral DNA. The expression of this gene is also found to be induced by tumor suppressor protein p53 in colon cancer cells. [provided by RefSeq, Nov 2010]

Protein Families: Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified AIFM2 protein (Cat# [TP304934]). The protein was produced from HEK293T cells transfected with AIFM2 cDNA clone (Cat# [RC204934]) using MegaTran 2.0 (Cat# [TT210002]).