

Product datasheet for PH303347

MNF1 (UQCC2) (NM_032340) Human Mass Spec Standard

Product data:

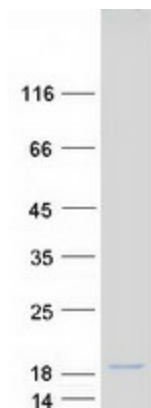
Product Type:	Mass Spec Standards
Description:	C6orf125 MS Standard C13 and N15-labeled recombinant protein (NP_115716)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203347
Predicted MW:	14.9 kDa
Protein Sequence:	>RC203347 protein sequence Red=Cloning site Green=Tags(s) MAASRYRRFLKLC EEWPVDETKRGRDLGAYLRQRVAQAFREAGENTQVAEPEACDQMYESLARLHSNYYKH KYPRPRDTSFSGLSLEEYKLILSTDTLEELKEIDKGMWKKLQEKFAPKGPEEDHKA 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:	<u>NP_115716</u>
RefSeq Size:	1355
RefSeq ORF:	378
Synonyms:	bA6B20.2; C6orf125; C6orf126; Cbp6; M19; MC3DN7; MNF1
Locus ID:	84300
UniProt ID:	<u>Q9BRT2</u>
Cytogenetics:	6p21.31



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Summary:

This gene encodes a nucleoid protein localized to the mitochondria inner membrane. The encoded protein affects regulation of insulin secretion, mitochondrial ATP production, and myogenesis through modulation of mitochondrial respiratory chain activity. [provided by RefSeq, Oct 2012]

Product images:

Coomassie blue staining of purified UQCC2 protein (Cat# [TP303347]). The protein was produced from HEK293T cells transfected with UQCC2 cDNA clone (Cat# [RC203347]) using MegaTran 2.0 (Cat# [TT210002]).