

Product datasheet for PH310699

NDUF3 (NDUFAF3) (NM_199069) Human Mass Spec Standard

Product data:

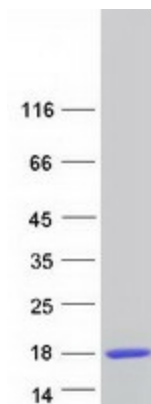
Product Type:	Mass Spec Standards
Description:	NDUFAF3 MS Standard C13 and N15-labeled recombinant protein (NP_951032)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210699
Predicted MW:	13.8 kDa
Protein Sequence:	>RC210699 protein sequence Red =Cloning site Green =Tags(s) MYIDSYNSRGMINGNRVLGPCALLPHSVVQWNVGSHQDITEDSFSLFWLLEPRIEIVVVGTDGDRTERLQ SQVLQAMRQRGIAVEVQDTPNACATFNFLCHEGRVTGAALIPPPGGTSLTSLGQAAQ 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_951032
RefSeq Size:	1387
RefSeq ORF:	381
Synonyms:	2P1; C3orf60; E3-3; MC1DN18
Locus ID:	25915
UniProt ID:	Q9BU61 , Q9Y3Z0
Cytogenetics:	3p21.31



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Summary:

This gene encodes a mitochondrial complex I assembly protein that interacts with complex I subunits. Mutations in this gene cause mitochondrial complex I deficiency, a fatal neonatal disorder of the oxidative phosphorylation system. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2009]

Product images:

Coomassie blue staining of purified NDUFAF3 protein (Cat# [TP310699]). The protein was produced from HEK293T cells transfected with NDUFAF3 cDNA clone (Cat# [RC210699]) using MegaTran 2.0 (Cat# [TT210002]).