

Product datasheet for PH302915

NDUFV3 (NM_021075) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NDUFV3 MS Standard C13 and N15-labeled recombinant protein (NP_066553)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202915
Predicted MW:	51 kDa
Protein Sequence:	>RC202915 protein sequence Red=Cloning site Green=Tags(s)

MAAPCLLRQGRAGALKTMLQEAQVFRGLASTVSLSAESGKSEKQGPQNSKKQSPPKNVVEPKERGKLLAT
QTAAELSKNLSPPSSYPVAVNKGRKVASPSPSGSVLFTDEGVPKFLSRKTLVEFPQKVLSPFRKQGS
DSEARQVGRKVTSPSSSSSSSSDSESDDEADVSEVTPRVVSKGRGGLRKPEASHSFENRAPRTVSAKEKTL
LQKPHVDITDPEKPHQPKKKGSPAKPSEGRENARPKTTMPRSQVDEEFLKQSLKEKQLQKTFRLNEIDKE
SQKPFVKGPLPVHTKSGLSAPPKGPAPAVLAEEARAEGQLQASPPGAAEGHLEKVPPEPQRKAAPPLP
RKETSGTQGGIEGHLKGGQAIVEDQIPPSNLETVPVENNHGFHEKTAALKLEAEGEAMEDAAAPGNDRGGT
QEPAPVPAEPFDNTTYKNLQHHDYSTYTFDLNLELSKFRMPQPSSGRESRPH

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_066553</u>
RefSeq Size:	2151
RefSeq ORF:	1419
Synonyms:	CI-9KD; CI-10k



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Locus ID: 4731

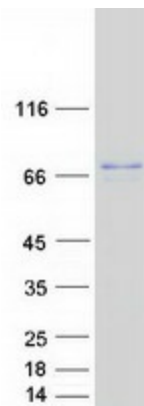
UniProt ID: [P56181](#)

Cytogenetics: 21q22.3

Summary: The protein encoded by this gene is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



Coomassie blue staining of purified NDUFV3 protein (Cat# [TP302915]). The protein was produced from HEK293T cells transfected with NDUFV3 cDNA clone (Cat# [RC202915]) using MegaTran 2.0 (Cat# [TT210002]).