

Product datasheet for PH317112

C20orf7 (NDUFAF5) (NM_024120) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C20orf7 MS Standard C13 and N15-labeled recombinant protein (NP_077025)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217112
Predicted MW:	38.7 kDa
Protein Sequence:	>RC217112 representing NM_024120 Red =Cloning site Green =Tags(s)

MLRPAGLWRLCRPWAARVPAENLGRREVTSGVSPRGSTSPRTLNIFDRDLKRKQKNWAARQPEPTKFDY
 LKEEVGSRIADRVYDIPRNFLALDLGCGRGYIAQYLNKETIGKFFQADIAENALKNSSETEIPTVSVLA
 DEEFLPFKENTFDLVVSSLSLHWVNDLPRALEQIHYILKPDGVFIGAMFGGDTLYELRCSLQLAETEREG
 GFSPHISPFTAVNDLGHLLGRAGFNTLTVDTEIQVNYPGMFELMEDLQGMGESNCAWNRKALLHRDTML
 AAAAVYREMYRNEDGSPATYQIYYMIGWKYHESQARPAERGSATVSFGELGKINNLMPPGKKSQ

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_077025</u>
RefSeq Size:	1650
RefSeq ORF:	1035
Synonyms:	bA526K24.2; C20orf7; dj842G6.1; MC1DN16
Locus ID:	79133


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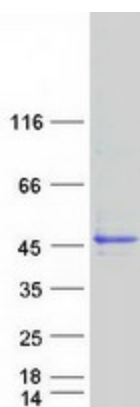
UniProt ID: [Q5TEU4](#)

Cytogenetics: 20p12.1

Summary: The NADH-ubiquinone oxidoreductase complex (complex I) of the mitochondrial respiratory chain catalyzes the transfer of electrons from NADH to ubiquinone, and consists of at least 43 subunits. The complex is located in the inner mitochondrial membrane. This gene encodes a mitochondrial protein that is associated with the matrix face of the mitochondrial inner membrane and is required for complex I assembly. A mutation in this gene results in mitochondrial complex I deficiency. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified NDUFAF5 protein (Cat# [TP317112]). The protein was produced from HEK293T cells transfected with NDUFAF5 cDNA clone (Cat# [RC217112]) using MegaTran 2.0 (Cat# [TT210002]).