

Product datasheet for **TP302529M**

NDUFAF7 (NM_144736) Human Recombinant Protein

Product data:

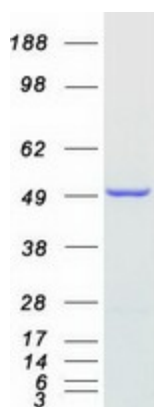
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 2 open reading frame 56 (C2orf56), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202529 protein sequence Red =Cloning site Green =Tags(s)
	MSVLLRSGLGPLCAVARAAIPFIWRGKYFSSGNEPAENPVTPMLRHLMYKIKSTGPITVAEYMKEVLTNP AKGYVYRDMLGEKGDFITSPEISQIFGELLGIWFISEWMATGKSTAFQLVELGPGRGTLVGDILRVFTQ LGSVLKNCDISVHLVEVSQKLSEIQALTLTKEKVPLERNAGSPVYMKGVTSGIPISWYRDLDHVPKGYS FYLAHEFFDVLVPVHKFQKTPQGWREVFVDIDPQVSDKLRFLAPSATPAEAFIQHDETRDHVEVCPDAGV IIEELSQRALTGGAALVADYGHGDKTDTFRGFCDHKLHDVLIAPGTADLTADVDFSYLRRMAQGKVAS LGPIKQHTFLKNMGIDVRLKVLLDKSNEPSVRQQLQGYDMLMNPCKMGERFNFFALLPHQRLQGGRYQR NARQSKPFASVVAGFSELAWQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	49.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<u>NP_653337</u>
Locus ID:	55471
UniProt ID:	<u>Q7L592</u>
RefSeq Size:	2221
Cytogenetics:	2p22.2
RefSeq ORF:	1323
Synonyms:	C2orf56; MidA; PRO1853
Summary:	This gene encodes an assembly factor protein which helps in the assembly and stabilization of Complex I, a large multi-subunit enzyme in the mitochondrial respiratory chain. Complex I is involved in several physiological activities in the cell, including metabolite transport and ATP synthesis. The encoded protein is a methyltransferase which methylates Arg85 of a subunit of Complex I in the early stages of its assembly. A pseudogene related to this gene is located on chromosome 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]

Product images:



Coomassie blue staining of purified NDUFAF7 protein (Cat# [TP302529]). The protein was produced from HEK293T cells transfected with NDUFAF7 cDNA clone (Cat# [RC202529]) using MegaTran 2.0 (Cat# [TT210002]).