

Product datasheet for **TP302529L**

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, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202529 protein sequence
Red=Cloning site **Green**=Tags(s)

MSVLLRSGLGPLCAVARAAIPFIWRGKYFSSGNEPAENPVTPMLRHLMYKIKSTGPITVAEYMKEVLTNP
AKGYVYRDMLGEKGFITSPEISQIFGELLGIWFISEWMATGKSTAFQLVELGPGRGTLVGDILRVFTQ
LGSVLKNCDISVHLVEVSQKLSEIQALTLTKEKVLERNAGSPVYMKGVTKSGIPISWYRDLDVDPKGY
FYLAHEFFDVLPHKFKTPQGWREVFVDIDPQVSDKLRFLAPSATPAEAFIQHDETRDHVEVCPDAGV
IIEELSQRILTGGAAALVADYGHDKTDTFRGFCDHKLHDVLIAPGTADLTADVDFSYLRRMAQGVAS
LGPIKQHTFLKNMGIDVRLKVLDDKSNEPSVRQQLLQGYDMLMNPCKMGERFNFFALLPHQRLQGGRYQR
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.



[View online >](#)

RefSeq: [NP_653337](#)

Locus ID: 55471

UniProt ID: [Q7L592](#)

RefSeq Size: 2221

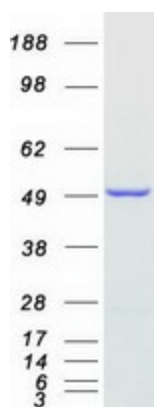
Cytogenetics: 2p22.2

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]).