

Recombinant Human NDUFAF7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFAF7-6486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C2orf56 MS Standard C13 and N15-labeled recombinant protein (NP_653337) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	49.2 kDa
AA Sequence	MSVLLRSGLGPLCAVARAAIPFIWRGKYFSSGNEPAENPVTPLRHLMYKIKSTGPIT VAEYMKEVLTNPAKGYVYRDMLGEKGDFITSPEISQIFGELLGIWFISEWMATGKST AFQLVELGPGRGTLVGDILRVFTQLGSVLKNCDISVHLVEVSQKLSEIQALTLTKEKV PLERNAGSPVYMKGVTKSGIPISWYRDLHDVPGKYSFYLAHEFFDVLPHKFKQKTP QGWREVFVDIDPQVSDKLRFVLAPSATPAEAFIQHDETRDHVEVCPDAGVIEELSQ RIALTGGAALVADYGHGDKTDTFRGFCDHKLHDVLIAPGTADLTADVDFSYLRRMA

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QGKVASLGPIKQHTFLKNMGIDVRLKVLLDKSNEPSVRQQLQGYDMLMNPCKMGE
RFNFFALLPHQRLQGGRYQRNARQSKPFASVVAGFSELAWQTRTRPLEQKLISEED
LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [NDUFAF7 NADH:ubiquinone oxidoreductase complex assembly factor 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [NDUFAF7](#)

Synonyms NDUFAF7; NADH:ubiquinone oxidoreductase complex assembly factor 7; MidA; C2orf56; PRO1853; protein arginine methyltransferase NDUFAF7, mitochondrial; NADH dehydrogenase (ubiquinone) complex I, assembly factor 7; NADH dehydrogenase [ubiquinone] complex I, assembly factor 7; mitochondrial dysfunction protein A homolog; protein midA homolog, mitochondrial; EC 2.1.1.320

Gene ID [55471](#)

mRNA Refseq [NM_144736](#)

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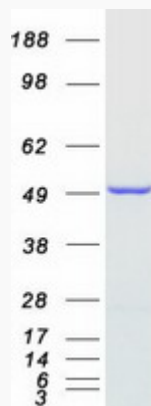
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Protein Refseq NP_653337

MIM 615898

UniProt ID Q7L592

SDS-PAGE



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