Recombinant Human NDUFAF5 Protein, His-tagged

Cat. No. NDUFAF5-422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFAF5, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade entigradeentigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months fr om receipt of products under proper storage and handling conditions.
Molecular Mass	35.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	NDUFAF5 NADH:ubiquinone oxidoreductase complex assembly factor 5 [Homo sapiens (human)]
Official Symbol	NDUFAF5
Synonyms	C20orf7; dJ842G6.1; bA526K24.2; NDUFAF5;
Gene ID	79133
mRNA Refseq	NM_001039375
Protein Refseq	NP_001034464
MIM	612360
UniProt ID	Q5TEU4

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