

Recombinant Human NDUFV1

Catalog No: #GP11801

Package Size: #GP11801-1 100ug

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Description

Product Name	Recombinant Human NDUFV1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 240 amino acids of human NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa
Target Name	NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa
Other Names	UQOR1; CI-51K; CI51KD
Accession No.	Swissprot:P49821Gene Accession:BC008146
Uniprot	P49821
GenID	4723;
Storage	-20~-80°C, pH 7.6 PBS

Background

The mitochondrial respiratory chain provides energy to cells via oxidative phosphorylation and consists of four membrane-bound electron-transporting protein complexes (I-IV) and an ATP synthase (complex V). This gene encodes a 51 kDa subunit of the NADH:ubiquinone oxidoreductase complex I; a large complex with at least 45 nuclear and mitochondrial encoded subunits that liberates electrons from NADH and channels them to ubiquinone. This subunit carries the NADH-binding site as well as flavin mononucleotide (FMN)- and Fe-S-binding sites.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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