

Recombinant Human NDUFAF1

Catalog No: #GP11788



Package Size: #GP11788-1 100ug

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Description

Product Name	Recombinant Human NDUFAF1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 25-327 amino acids of human NADH dehydrogenase (ubiquinone) complex I, assembly factor 1
Target Name	NADH dehydrogenase (ubiquinone) complex I, assembly factor 1
Other Names	CGI65; CIA30; CGI-65
Accession No.	Swissprot:Q9Y375Gene Accession:BC000780
Uniprot	Q9Y375
GenID	51103;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The encoded protein is required for assembly of complex I, and mutations in this gene are a cause of mitochondrial complex I deficiency. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 19.?

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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