

Recombinant Human NDUFS7

Catalog No: #GP11797

Package Size: #GP11797-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human NDUFS7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 39-213 amino acids of human NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)
Target Name	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)
Other Names	PSST; CI-20; MY017; CI-20KD
Accession No.	Swissprot:O75251Gene Accession:BC005954
Uniprot	O75251
GenID	374291;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions.?

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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