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Product datasheet for AR09209PU-L

NDUFS4 (43-175) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NDUFS4 (43-175) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAQDQTQDTQ LITVDEKLDI TTLTGVPEEH IKTRKVRIFV PARNNMQSGV NNTKKWKMEF DTRERWENPL MGWASTADPL SNMVLTFSTK EDAVSFAEKN GWSYDIEERK VPKPKSKSYG ANFSWNKRTR VSTK
Predicted MW:	15.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NDUFS4 protein was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001304980
Locus ID:	4724
Cytogenetics:	5q11.2
Synonyms:	AQDQ; CI-18; CI-18 kDa; CI-AQDQ; MC1DN1

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Summary: This gene encodes an nuclear-encoded accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I, or NADH:ubiquinone oxidoreductase). Complex I removes electrons from NADH and passes them to the electron acceptor ubiquinone. Mutations in this gene can cause mitochondrial complex I deficiencies such as Leigh syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images: