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Product datasheet for AR51527PU-N

NDUFA4 (1-81, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NDUFA4 (1-81, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMLRQIIG QAKKHPSLIP LFVFIGTGAT GATLYLLRLA LFNPDVCWDR NNPEPWNKLG PNDQYKFYSV NVDYSKLKKE RPDF
Tag:	His-tag
Predicted MW:	11.8 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NDUFA4 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002480
Locus ID:	4697
UniProt ID:	O00483, A0A024R9Z0
Cytogenetics:	7p21.3
Synonyms:	CI-9k; CI-MLRQ; COXFA4; MC4DN21; MISTR1; MLRQ; MRCAF1

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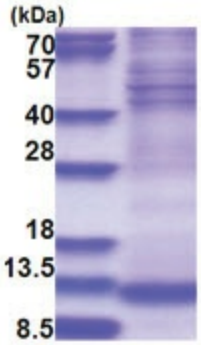
Summary: The protein encoded by this gene belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

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

Product images:



15% SDS-PAGE (3ug)

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