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Product datasheet for AR50599PU-S

NDUFAF1 (25-327, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NDUFAF1 (25-327, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSYPFLGIR FAEYSSSLQK PVASPGKASS QRKTEGDLQG DHQKEVALDI TSSEEKPDVS FDKAIRDEAI YHFRLLKDEI VDHWRGPEGH PLHEVLLEQA KVVWQFRGKE DLDKWTVTSD KTIGGRSEVF LKMGKNNQSA LLYGTLSSEA PQDGESTRSG YCAMISRIPR GAFERKMSYD WSQFNTLYLR VRGDGRPWMV NIKEDTDFFQ RTNQMYSYFM FTRGGPYWQE VKIPFSKFFF SNRGRIRDVQ HELPLDKISS IGFTLADKVD GPFFLEIDFI GVFTDPAHTE EFAYENSPEL NPRLFK
Tag:	His-tag
Predicted MW:	37 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 0.2M NaCl, 40% glycerol, 1 mM DTT, 2 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NDUFAF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_057097
Locus ID:	51103
UniProt ID:	Q9Y375, A0A024R9L0
Cytogenetics:	15q15.1

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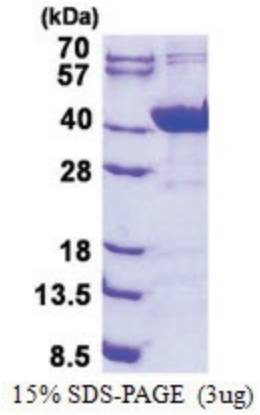
Synonyms: CGI-65; CGI65; CIA30; MC1DN11

Summary: 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. [provided by RefSeq, Dec 2011]

Product images:



15% SDS-PAGE (3ug)