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Product datasheet for AR51030PU-S

NDUFS6 (28-124, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NDUFS6 (28-124, His-tag) human protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSFGVRVSP TGEKVTHTGQ VYDDKDYRRI RFVGRQKEVN ENFAIDLIAE QPVSEVETRV IACDGGGGAL GHPKVYINLD KETKTGTCGY CGLQFRQHHH
Tag:	His-tag
Predicted MW:	13.2 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 0.15M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
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_004544
Locus ID:	4726
UniProt ID:	O75380, Q6IBC4
Cytogenetics:	5p15.33
Synonyms:	CI-13kA; CI-13kD-A; CI13KDA; MC1DN9

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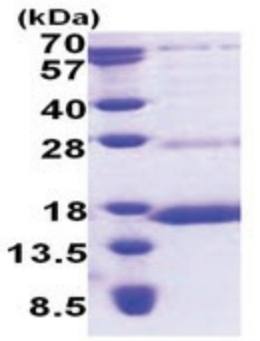
Summary: This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders. [provided by RefSeq, Oct 2009]

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

Product images:



15% SDS-PAGE (3ug)