

## Product datasheet for **AR50609PU-S**

### Complex I subunit NDUFS3 (37-264, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Complex I subunit NDUFS3 (37-264, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MESAGADTRP TVRPRNDVAH KQLSAFGEYV AEILPKYVQQ VQVSCFNELE VCIHPDGVIP VLTLRDHTN AQFKSLVDLT AVDVPTRQNR FEIVYNLLSL RFNSRIRVKT YTDELTPIES AVSVFKAANW YEREIWDMMFG VFFANHPDLR RILTDYGFEG HPRFRKDFPLS GYVELRYDDE VKRWVAEPVE LAQEFRKFDL NSPWAEFPVY RQPPESLKLE AGDKKPKDAK
Tag:	His-tag
Predicted MW:	28.7 kDa
Concentration:	lot specific
Purity:	>85% 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, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NDUFS3 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:	<a href="#">NP_004542</a>
Locus ID:	4722
UniProt ID:	<a href="#">O75489</a>
Cytogenetics:	11p11.2
Synonyms:	Mitochondria Complex I (NADH Dehydrogenase), NADH-ubiquinone oxidoreductase 30 kDa subunit, Complex I-30kD

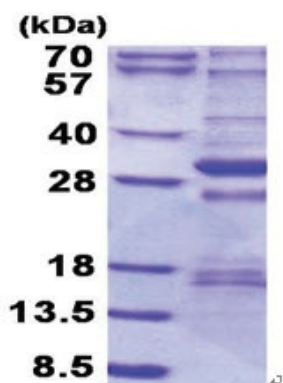


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**Summary:** This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.[provided by RefSeq, Apr 2009]

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

**Product images:**



15% SDS-PAGE (3ug)