

## Product datasheet for **AR50591PU-S**

### NDUFAF4 (1-175, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	NDUFAF4 (1-175, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGALVIR GIRNFNLENR AEREISKMKP SVAPRHPSTN SLLREQISLY PEVKGEIARK DEKLLSFLKD VYVDSKDPVS SLQVCAAETC QEPKEFRLPK DHHFDMINIK SIPKGGISIV EALTLNHNK LFPETWTAEK IMQEYQLEQK DVNSLLKYFV TFEVEIFPPE DKKAIRSK
Tag:	His-tag
Predicted MW:	22.7 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 NDUFAF4 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_054884</a>
Locus ID:	29078
UniProt ID:	<a href="#">Q9P032</a>
Cytogenetics:	6q16.1
Synonyms:	HRPAP20, C6orf66, HSPC125, My013



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**Summary:**

NADH:ubiquinone oxidoreductase (complex I) 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. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency. [provided by RefSeq, Oct 2009]

**Product images:**