Datasheet for ABIN5853263

NDUFV3 Protein (AA 35-108) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	NDUFV3
Protein Characteristics:	AA 35-108
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDUFV3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSGLVPRGSH MGSSAESGKS EKGQPQNSKK QSPPKKPAPV PAEPFDNTTY KNLQHHDYST YTFLDLNLEL SKFRMPQPSS GRESPRH
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	NDUFV3
Alternative Name:	NDuFV3 (NDUFV3 Products)
Background:	NDuFV3 is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The protein is one of three proteins found in the flavoprotein fraction of the complex. The specific

Target Details

	function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. Recombinant human NDuFV3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	10.8kDa (97aa) confirmed by MALDI-TOF
NCBI Accession:	NP_001001503
UniProt:	P56181

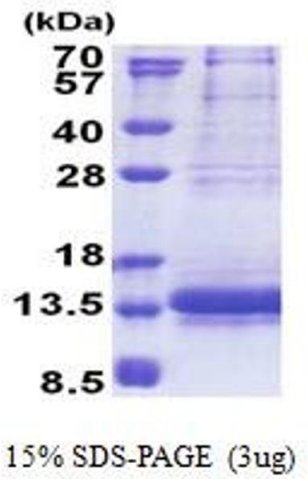
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50 % glycerol, 2 mM DTT, 2 mM EDTA
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Images



SDS-PAGE

Image 1.