

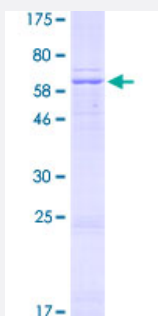
Full-Length

NDUFA9 (Human) Recombinant Protein (P01)

Catalog # H00004704-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NDUFA9 full-length ORF (NP_004993.1, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAAQSRVVRVLSMSRSAITATSCHGPPCRQLHHALMPHGKGGRSSVSGIVATVFGATGFL
GRYVYNHLGRMGSQVIIPYRCDKYDIMHLRPMGDLGQLLFLEWDARDKDSIRRVVQHSNVVINLIG
RDWETKNDFEDVFVKIPQAIQLSKEAGVEKFIHVSHLNANIKSSSRYL RNKAVGEKVVRDAFPE
AIVKPSDIFGREDRFLNSFASMRHFGPIPLGSLGWKTVKQPVVVDVSKGMNAVKDPDANGKSF
AFVGPSRYLLFHLVKYIFAVAHRLFLPFPLPFAYRWVARVFEISPFEPWITRDKVERMHITDMKLP
HLPGLLEDLGQATPLELKAIEVLRHRHRTYRWLSAEIEDVKPAKTVNI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.9

Interspecies Antigen Sequence

Mouse (78); Rat (76)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NDUFA9

Entrez GeneID[4704](#)**GeneBank Accession#**[NM_005002.3](#)**Protein Accession#**[NP_004993.1](#)**Gene Name**

NDUFA9

Gene Alias

MGC111043, NDUFS2L, SDR22E1

Gene Description

NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa

Omim ID[603834](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other Designations

NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9 (39kD)|NADH dehydrogenase (ubiquinone) Fe-S protein 2-like (NADH-coenzyme Q reductase)|short chain dehydrogenase/reductase family 22E, member 1

Pathway

- [Metabolic pathways](#)

- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)