

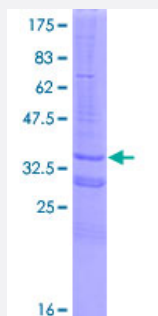
Full-Length

NDUFC2 (Human) Recombinant Protein (P01)

Catalog # H00004718-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NDUFC2 full-length ORF (NP_004540.1, 1 a.a. - 119 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MIARRNPEPLRFLPDEARSLPPPKLTDPRLLYIGFLGYCSGLIDNLIIRRRPIATAGLHRQLLYITAFFFA GYLVKREDYLYAVRDREMFGYMKLHPEDFPEEDKKTYGEIFEKFHPIR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.6
Interspecies Antigen Sequence	Mouse (69); Rat (73)
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 — NDUFC2

Entrez GeneID	4718
GeneBank Accession#	NM_004549.3
Protein Accession#	NP_004540.1
Gene Name	NDUFC2
Gene Alias	B14.5b, NADHDH2
Gene Description	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2, 14.5kDa
Omim ID	603845
Gene Ontology	Hyperlink
Gene Summary	NADH dehydrogenase (ubiquinone) 1
Other Designations	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2 (14.5kD, B14.5b)

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)