

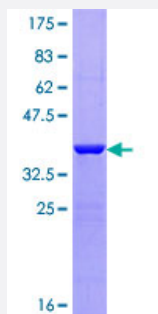
Full-Length

NDUFA2 (Human) Recombinant Protein (P01)

Catalog # H00004695-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NDUFA2 full-length ORF (NP_002479.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAAAASRGVGAKLGLREIRIHL CQRSPGSQGVRDFIEKRYVELKKANPDLPIIRECSDVQPKLW ARYAFGQETNVPLN NFSADQVTRALENVLSGKA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.3
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 — NDUFA2

Entrez GeneID	4695
GeneBank Accession#	NM_002488.2
Protein Accession#	NP_002479.1
Gene Name	NDUFA2
Gene Alias	B8, CD14
Gene Description	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa
Omim ID	602137
Gene Ontology	Hyperlink
Gene Summary	The NDUFA2 gene encodes one of the accessory subunits of complex I, the first and largest complex of the mitochondrial respiratory chain (Hoefs et al., 2008 [PubMed 18513682]). For a discussion of complex I, see MIM 516000.[supplied by OMIM]
Other Designations	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2 (8kD, B8)

Pathway

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