Full-Length

NDUFAF2 (Human) Recombinant Protein (P01)

Catalog # H00091942-P01 Size 50 ug

Specification

Product Description	Human NDUFAF2 full-length ORF (AAH01753.2, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGWSQDLFRALWRSLSREVKEHVGTDQFGNKYYYIPQYKNWRGQTIREKRIVEAANKKEVDYEA GDIPTEWEAWIRRTRKTPPTMEEILKNEKHREEIKIKSQDFYEKEKLLSKETSEELLPPPVQTQIKGH ASAPYFGKEEPSVAPSSTGKTFQPGSWMPRDGKSHNQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.99
Interspecies Antigen Sequence	Mouse (81); Rat (80)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — NDUFAF2

Entrez GeneID	91942
GeneBank Accession#	BC001753.1
Protein Accession#	AAH01753.2
Gene Name	NDUFAF2
Gene Alias	B17.2L, FLJ22398, MMTN, NDUFA12L, mimitin
Gene Description	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 2
Omim ID	252010 609653
Gene Ontology	Hyperlink
Gene 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 cause progressive encephalopathy resulting from mitochondrial complex I deficiency. [provided by RefSeq
Other Designations	Myc-induced mitochondrial protein|NDUFA12-like

Disease

- Genetic Predisposition to Disease
- Prostatic Neoplasms
- Tobacco Use Disorder