# Recombinant Full Length Human NDUFA13 Protein, GST-tagged

**Cat. No.** NDUFA13-5663HF **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Human GRIM19 full-length ORF ( AAH09189, 1 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 144 amino acids |
| **Description** | This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers and activators of transcription 3 (STAT3) transcription factor, and can function as a tumor suppressor. The human protein purified from mitochondria migrates at approximately 16 kDa. Transcripts originating from an upstream promoter and capable of expressing a protein with a longer N-terminus have been found, but their biological validity has not been determined. [provided by RefSeq, Oct 2009] |
| **Molecular Mass** | 41.58 kDa |
| **AA Sequence** | MAASKVKQDMPPPGGYGPIDYKRNLPRRGLSGYSMLAIGIGTLIYGHWSIMKWNRE RRRLQIEDFEARIALLPLLQAETDRRTLQMLRENLEEEAIIMKDVPDWKVGESVFHTT RWVPPLIGELYGLRTTEEALHASHGFMWYT |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | NDUFA13 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13 [ Homo sapiens ] |
| **Official Symbol** | NDUFA13 |
| **Synonyms** | NDUFA13; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13; B16.6; CDA016; CGI 39; complex I B16.6 subunit; GRIM 19; GRIM19; CI-B16.6; complex I-B16.6; cell death-regulatory protein GRIM19; cell death regulatory protein GRIM-19; NADH-ubiquinone oxidoreductase B16.6 subunit; gene associated with retinoic and IFN-induced mortality 19 protein; gene associated with retinoic and interferon-induced mortality 19 protein; CGI-39; GRIM-19; FLJ58045; FLJ59191; |
| **Gene ID** | 51079 |
| **mRNA Refseq** | NM_015965 |
| **Protein Refseq** | NP_057049 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| **MIM** | 609435 |
| **UniProt ID** | Q9P0J0 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA