

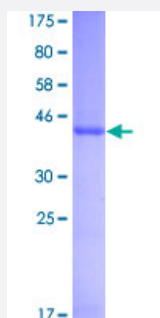
Full-Length

IFNA1 (Human) Recombinant Protein (P01)

Catalog # H00003439-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IFNA1 full-length ORF (NP_076918.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASPFALLMVLVVLSCKSSCSLGCCLPETHSLDNRRTLMLLAQMSRISPSSCLMDRHDFGFPQE
EFDGNQFQKAPASVLHELIQQIFNLFTTKDSSAAWDEDLDDKFCCTELYQQQLNDLEACVMQEERV
GETPLMNADSILAVKKYFRRITLYLTEKKYSPCAWEVVRAEIMRSLSLSTNLQERLRRKE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

48.1

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 — IFNA1

Entrez GeneID	3439
GeneBank Accession#	NM_024013.1
Protein Accession#	NP_076918.1
Gene Name	IFNA1
Gene Alias	IFL, IFN, IFN-ALPHA, IFNA13, IFNA@, MGC138207, MGC138505, MGC138507
Gene Description	interferon, alpha 1
Omim ID	147660
Gene Ontology	Hyperlink
Gene Summary	Leukocyte interferon is produced predominantly by B lymphocytes. Immune interferon (IFN-gamma; MIM 147570) is produced by mitogen- or antigen-stimulated T lymphocytes.[supplied by OMIM]
Other Designations	IFN-alpha 1b OTTHUMP00000045110 interferon alpha 1b

Pathway

- [Antigen processing and presentation](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)

- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of autophagy](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Acute Disease](#)
- [Arthritis](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Communicable Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Irritable Bowel Syndrome](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Malaria](#)
- [Respiratory Syncytial Virus Infections](#)

- [Severe Acute Respiratory Syndrome](#)