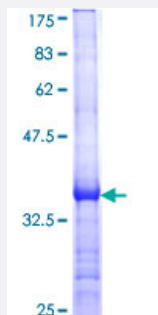


IFNB1 (Human) Recombinant Protein (Q01)

Catalog # H00003456-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IFNB1 partial ORF (NP_002167, 102 a.a. - 187 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ETIVENLLANVYHQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAWTMRV EILRNFYFINRLTGYLRN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Mouse (50); Rat (44)
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 — IFNB1

Entrez GeneID	3456
GeneBank Accession#	NM_002176
Protein Accession#	NP_002167
Gene Name	IFNB1
Gene Alias	IFB, IFF, IFNB, MGC96956
Gene Description	interferon, beta 1, fibroblast
Omim ID	147640
Gene Ontology	Hyperlink
Gene Summary	beta 1
Other Designations	OTTHUMP00000021131 interferon beta

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Communicable Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Malaria](#)
- [Measles](#)
- [Multiple Sclerosis](#)
- [Mumps](#)
- [Osteoporosis](#)
- [Rubella](#)
- [Sarcoidosis](#)
- [Severe Acute Respiratory Syndrome](#)