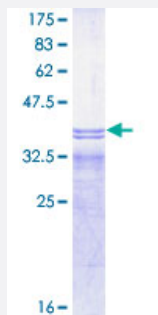


IFNAR2 (Human) Recombinant Protein (Q01)

Catalog # H00003455-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IFNAR2 partial ORF (NP_997468.1, 144 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FTNHINVMVKFPSIVEEELQFDLSLVIEEQSEGMVKKHKPEIKGNMSGNFTYIIDKLIPNTNYCVSVYLE HSDEQAVIKSPLKCTLLPPGQESESAESAK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — IFNAR2

Entrez GeneID	3455
GeneBank Accession#	NM_207585
Protein Accession#	NP_997468.1
Gene Name	IFNAR2
Gene Alias	IFN-R, IFN-alpha-REC, IFNABR, IFNARB
Gene Description	interferon (alpha, beta and omega) receptor 2
Omim ID	602376 610424
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. Multiple transcript variants encoding at least two different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000067674 OTTHUMP00000067676 human interferon alpha/beta receptor interferon alpha/beta receptor 2 interferon-alpha/beta receptor beta chain type I interferon receptor

Pathway

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

- [Toll-like receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Asthma](#)
- [Behcet Syndrome](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Infant](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Measles](#)
- [Multiple Sclerosis](#)

- [Mumps](#)
- [Neutropenia](#)
- [Occupational Diseases](#)
- [Pain](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rubella](#)
- [Thrombocytopenia](#)
- [Urinary Bladder Neoplasms](#)
- [Viremia](#)
- [Werner syndrome](#)