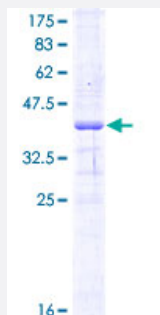


IL28RA (Human) Recombinant Protein (Q01)

Catalog # H00163702-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL28RA partial ORF (NP_734464, 51 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QDVTYFVAYQSSPTRRRWREVEECAGTKELLCSMMCLKKQDLYNKFKGRVRTVSPSSKSPWVE SEYLDYLFVEVPAPPVLVLTQTEEILSANATYQLPPC
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 — IL28RA

Entrez GeneID [163702](#)

GeneBank Accession# [NM_170743](#)

Protein Accession# [NP_734464](#)

Gene Name IL28RA

Gene Alias CRF2/12, IFNLR, IFNLR1, IL-28R1, LICR2

Gene Description interleukin 28 receptor, alpha (interferon, lambda receptor)

Omim ID [607404](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the class II cytokine receptor family. This protein forms a receptor complex with interleukin 10 receptor, beta (IL10RB). The receptor complex has been shown to interact with three closely related cytokines, including interleukin 28A (IL28A), interleukin 28B (IL28B), and interleukin 29 (IL29). The expression of all three cytokines can be induced by viral infection. The cells overexpressing this protein have been found to have enhanced responses to IL28A and IL29, but decreased response to IL28B. Three alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations OTTHUMP00000003067|OTTHUMP00000003068|OTTHUMP00000003069|class II cytokine receptor CRF2/12|interferon lambda, receptor 1|interleukin 28 receptor A|interleukin 28 receptor, alpha|interleukin or cytokine receptor 2

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Celiac Disease](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Psoriasis](#)
- [Rhinitis](#)