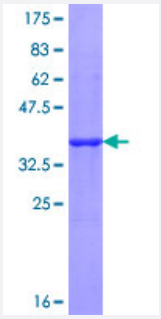
IL27RA (Human) Recombinant Protein (Q01)

Catalog # H00009466-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL27RA partial ORF (NP_004834, 33 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QGSAGPLQCYGVGPLGDLNCSWEPLGDLGAPSELHLQSQKYRSNKTQTVAVAAGRSWVAIPRE QLTMSDKLLVWGTKAGQPLWPPVFVNLETQMKPNAPR
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

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- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL27RA

Entrez GeneID	9466
GeneBank Accession#	NM_004843
Protein Accession#	NP_004834
Gene Name	IL27RA
Gene Alias	CRL1, IL27R, TCCR, WSX1, zcytor1
Gene Description	interleukin 27 receptor, alpha
Omim ID	605350
Gene Ontology	Hyperlink
Gene Summary	In mice, CD4+ helper T-cells differentiate into type 1 (Th1) cells, which are critical for cell-mediated immunity, predominantly under the influence of IL12. Also, IL4 influences their differentiation into type 2 (Th2) cells, which are critical for most antibody responses. Mice deficient in these cytokines, their receptors, or associated transcription factors have impaired, but are not absent of, Th1 or Th2 immune responses. This gene encodes a protein which is similar to the mouse T-cell cytokine receptor Tccr at the amino acid level, and is predicted to be a glycosylated transmembrane protein. [provided by RefSeq
Other Designations	T-cell cytokine receptor type 1|class I cytokine receptor

Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease

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- Infant
- Respiratory Syncytial Virus Infections

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