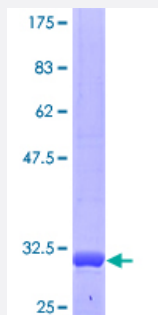


IL27 (Human) Recombinant Protein (Q01)

Catalog # H00246778-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL27 partial ORF (NP_663634, 177 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RKGLLPGALGSALQGPAQVSWPQLLSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.11
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 — IL27

Entrez GeneID [246778](#)

GeneBank Accession# [NM_145659](#)

Protein Accession# [NP_663634](#)

Gene Name IL27

Gene Alias IL-27, IL-27A, IL27p28, IL30, MGC71873, p28

Gene Description interleukin 27

Omim ID [608273](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is one of the subunits of a heterodimeric cytokine complex. This protein is related to interleukin 12A (IL12A). It interacts with Epstein-Barr virus induced gene 3 (EBI3), a protein similar to interleukin 12B (IL12B), and forms a complex that has been shown to drive rapid expansion of naive but not memory CD4(+) T cells. The complex is also found to synergize strongly with interleukin 12 to trigger interferon gamma (IFNG) production of naive CD4(+) T cells. The biological effects of this cytokine are mediated by the class I cytokine receptor (WSX1/TCRR). [provided by RefSeq]

Other Designations IL-27 p28 subunit|OTTHUMP00000122516|interleukin 30|interleukin-27 subunit alpha

Disease

- [Asthma](#)
- [Brain Neoplasms](#)
- [Bronchiolitis](#)

- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Infant](#)
- [Inflammatory Bowel Diseases](#)
- [Nasopharyngeal Neoplasms](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)