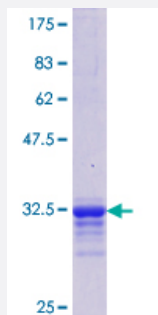


IL11 (Human) Recombinant Protein (Q01)

Catalog # H00003589-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL11 partial ORF (NP_000632.1, 25 a.a. - 74 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PPGPPRVSPDPRAELDSTVLLTRSLADTRQLAAQLRDKFPADGDHNLDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.24
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 — IL11

Entrez GeneID [3589](#)

GeneBank Accession# [NM_000641](#)

Protein Accession# [NP_000632.1](#)

Gene Name IL11

Gene Alias AGIF, IL-11

Gene Description interleukin 11

Omim ID [147681](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. [provided by RefSeq]

Other Designations adipogenesis inhibitory factor|oprelvekin

Pathway

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

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)