

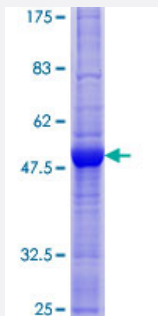
Full-Length

EBI3 (Human) Recombinant Protein (P01)

Catalog # H00010148-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EBI3 full-length ORF (AAH15364.1, 1 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTPQLLLALVLWASCPPCSGRKGPPAALTLPVQCRASRYPIAVDCSWTLPPAPNSTSPVSFIAT
YRLGMAARGHSWPCLQQTPSTSTCTITDVQLFSMAPYVLNVTAVHPWGSSSFVPFITEHIKPD
PEGVRLSPLAERQLQVQWEPPGSGWPFPEIFSLKYWIRYKRQGAARFHRVGPIEATSFILRAVRPR
ARYVQVAAQDLTDYGELSDWSLPATATMSLGK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.71

Interspecies Antigen Sequence

Mouse (62); Rat (62)

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 — EBI3

Entrez GeneID [10148](#)**GeneBank Accession#** [BC015364](#)**Protein Accession#** [AAH15364.1](#)**Gene Name** EBI3**Gene Alias** IL27B**Gene Description** Epstein-Barr virus induced 3**Omim ID** [605816](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells. [provided by RefSeq]

Other Designations Epstein-Barr virus induced gene 3|cytokine receptor|interleukin-27 subunit beta

Publication Reference

- [Stimulated human peripheral T cells produce high amounts of IL-35 protein in a proliferation-dependent manner.](#)

Guttek K, Reinhold D.

Cytokine 2013 Oct; 64(1):46.

Application: ELISA, Human, Supernatants collected from T cells culture medium