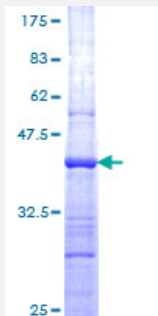


EBI3 (Human) Recombinant Protein (Q01)

Catalog # H00010148-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EBI3 partial ORF (NP_005746, 129 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PDPPEGVRLSPLAERQLQVQWEPPGSWPFPEIFSLKYWIRYKRQGAARFHRVGPIEATSFILRAV RPRARYVQVAAQDLTDYGELSDWSLPATATMSLGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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# [NM_005755](#)

Protein Accession# [NP_005746](#)

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