

# IL-27b / EBI-3, human recombinant protein

Epstein-Barr virus induced 3, EBI3, IL25 Catalog # PBV10259r

## **Specification**

# IL-27b / EBI-3, human recombinant protein - Product info

Primary Accession <u>Q14213</u>

Calculated MW 23.3 kDa KDa

# IL-27b / EBI-3, human recombinant protein - Additional Info

Gene ID 10148
Gene Symbol EBI3

**Other Names** 

Epstein-Barr virus induced 3, EBI3, IL-27

Gene Source Human Source E. coli

Assay&Purity SDS-PAGE; ≥90% Assay2&Purity2 HPLC; ≥90%

Recombinant Yes

Target/Specificity

EBI-3/IL-27

#### **Application Notes**

When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile  $H_2O$  at a concentration of 0.1 – 0.5 mg/ml, which can be further diluted into other aqueous solutions.

# **Format**

Lyophilized protein

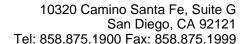
#### **Storage**

-20°C; Lyophilized with mannitol

## IL-27b / EBI-3, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture





# IL-27b / EBI-3, human recombinant protein - Images IL-27b / EBI-3, human recombinant protein - Background

Epstein-Barr Virus Induced Gene-3 (EBI-3), is a secreted glycoprotein belonging to the hematopoietin receptor family and related to the p40 subunit of IL-12. It was identified by its induced expression in B-lymphocytes in response to Epstein-Barr virus infection. EBI-3 forms heterodimers with p28 to form IL-27 and with p35 to form IL-35. Both IL-27 and IL-35 have anti-inflammatory and regulatory activity. Recombinant Human EBI is a non-glycosylated polypeptide chain consisting of 209 amino acids with a molecular weight of 23.3 kDa