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IL-27 / EBI-3, murine recombinant protein

Epstein-Barr virus induced 3, EBI3
Catalog # PBV10260r

Specification

IL-27 / EBI-3, murine recombinant protein - Product info

Primary Accession	Q3U1K3
Calculated MW	**22.9 kDa KDa**

IL-27 / EBI-3, murine recombinant protein - Additional Info

Gene ID	**50498**
Gene Symbol	**EBI3**

Other Names
Epstein-Barr virus induced 3, EBI3

Gene Source	**Mouse**
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 from 10 mM Sodium citrate, pH 3.

IL-27 / EBI-3, murine 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

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IL-27 / EBI-3, murine recombinant protein - Images

IL-27 / EBI-3, murine 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 Mouse EBI is a non-glycosylated polypeptide chain consisting of 207 amino acids with a molecular weight of 22,900 Da.