

**IL-27 / EBI-3, murine recombinant protein**  
**Epstein-Barr virus induced 3, EBI3**  
**Catalog # PBV10260r****Specification**

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**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	<b>50498</b>
Gene Symbol	<b>EBI3</b>
<b>Other Names</b>	
Epstein-Barr virus induced 3, EBI3	
Gene Source	<b>Mouse</b>
Source	<b>E. coli</b>
Assay&Purity	<b>SDS-PAGE; ≥90%</b>
Assay2&Purity2	<b>HPLC; ≥90%</b>
Recombinant	<b>Yes</b>
<b>Target/Specificity</b>	
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<sub>2</sub>O 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 Cytometry](#)
- [Cell Culture](#)

**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.