

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 H₂O 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.