

Datasheet for ABIN6700897

EBI3 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	EBI3 (IL-27b)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	EBI-3 Mouse Recombinant Protein
Purification:	Recombinant protein corresponding to amino acids 2 to 207 of mature mouse EBI-3. Purity is greater than 90% as determined by reducing and non-reducing SDS-PAGE and by analytical HPLC, each against a known standard.
Purity:	90,00%
Endotoxin Level:	Measured by LAL is < 0.01 ng/µg or < 0.1 EU/µg protein.
Biological Activity Comment:	Assay data for mouse recombinant EBI-3 is based upon qualitative binding to anti-EBI-3 antibody.

Target Details

Target:	EBI3 (IL-27b)
Alternative Name:	Ebi3 (IL-27b Products)
Background:	Synonyms: Interleukin-27 subunit beta precursor [Mus musculus], mouse EBI-3 cytokine, EBI3,

Target Details

EBI-3, IL35, IL-35

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.

Gene ID: 50498

UniProt: [O35228](#)

Application Details

Application Notes: Other: User Optimized

Application_Note: EBI-3 protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-EBI-3 in immunological assays.

Comment: Suggested_Applications: Other

Other_Performance_Data:

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: 0.02M HCl

Reconstitution_Volume: 100 µL

Concentration: 0.1 mg/mL

Buffer: Buffer: 0.1 % Trifluoroacetic acid

Stabilizer: None

Preservative: Without preservative

Storage: -20 °C

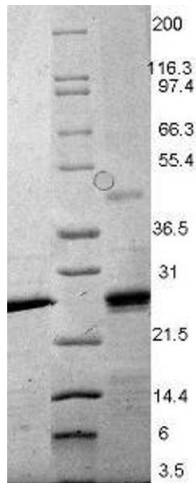
Storage Comment: Store vial at -20° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL) . For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each

Handling

opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months

Images



SDS-PAGE

Image 1. EBI-3 Mouse Recombinant Protein - SDS-PAGE. SDS-PAGE using Recombinant Mouse EBI-3 Protein shows bands corresponding to EBI-3 (1 μ g) in lane 1 (unreduced, arrowhead) and lane 3 (reduced). Molecular weight estimation was made by comparison to prestained MW markers, lane 2