

Datasheet for ABIN6699811

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

Overview

Quantity:	100 µg
Target:	EBI3 (IL-27b)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Mouse Epstein-Barr Virus Induced Gene 3 Recombinant Protein
Purification:	Epstein-Barr Virus Induced Gene 3 purity was determined to be greater than 90% as determined by analysis by UV-Spectroscopy at 280nm and by reducing and non-reducing SDS-pAGE.
Purity:	90,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	Assay data for recombinant mouse EBI3 is based upon qualitative binding to anti-EBI3 antibody.

Target Details

Target:	EBI3 (IL-27b)
Alternative Name:	EBI3 (IL-27b Products)
Background:	Synonyms: IL-35/EBI3, IL-27 EBI3 subunit, IL-35 EBI3 subunit Background: Epstein-Barr Virus Induced Gene-3 (EBI3), is a secreted glycoprotein belonging to

Target Details

the hematopoietin receptor family and is related to the p40 subunit of IL-12. EBI3 was identified by its induced expression in B-lymphocytes in response to Epstein-Barr virus infection. EBI3 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 EBI3 is a non-glycosylated protein, containing 207 amino acids, with a molecular weight of 22.9 kDa.

UniProt: [O35228](#)

Application Details

Application Notes: Other: User Optimized
Application_Note: Epstein-Barr Virus Induced Gene 3 Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Epstein-Barr Virus Induced Gene 3 in immunological assays.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution_Buffer: Restore with deionized water (or equivalent)
Reconstitution_Volume: 100 µL

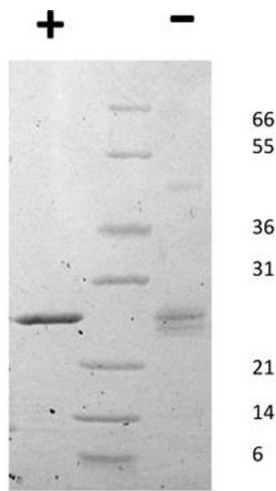
Buffer: Buffer: 0.1 % Trifluoroacetic acid
Stabilizer: None

Preservative: Without preservative

Storage: 4 °C,-20 °C

Storage Comment: Store vial at 4° 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 opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.

Expiry Date: 6 months



SDS-PAGE

Image 1. SDS-PAGE of Human Mouse Epstein-Barr Virus Induced Gene 3 Recombinant Protein SDS-PAGE of Mouse Epstein-Barr Virus Induced Gene 3 Recombinant Protein. Lane 1: 1 µg Mouse EBI3 in non-reducing conditions . Lane 2: 1 µg Mouse EBI3 in reducing conditions (+). Lane 3: Molecular weight marker. Mouse EBI3 has a predicted MW of 23.3 kDa.