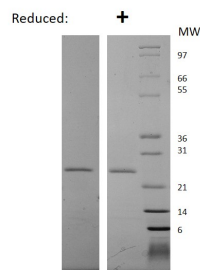


EBI3

Recombinant Human Epstein-Barr Virus Induced Gene-3 subunit (IL-27, IL-35), Animal Free

Catalog No.	CS308A-AF CS308B-AF CS308C-AF CS308D-AF	Quantity:	5 µg 20 µg 1 mg 100 µg
Alternate Names:	IL-35/EBI3, IL-27/EBI3		
Description:	Epstein-Barr Virus Induced Gene-3 (EBI3), is a secreted glycoprotein belonging to 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.		
Gene ID:	10148		
UniProt ID:	Q14213		
Source:	<i>E.coli</i> Manufactured without Animal-derived products, in an Animal Free facility.		
Molecular Weight:	23.4 kDa (210 kDa) monomer		
Formulation:	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA), 0.5% mannitol		
Purity:	≥ 90% determined by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤ 1 EU/µg, by kinetic LAL analysis		
Biological Activity:	Identity demonstrated with western blot using polyclonal anti-EBI3 antibody.		
Amino Acid Sequence:	MRKGPPAALT LPRVQCRASR YPIAVDCSWT LPPAPNSTSP VSFIATYRLG MAARGHSWPC LQQTPTSTSC TITDVQLFSM APYVLNVTAV HPWGSSSSSFV PFITEHIIKP DPPEGVRLSP LAERQLQQWE PPGSWPFPEI FSLKYWIRYK RQGAARFHRV GPIEATSFIL RAVRPRARYY VQVAAQDLTD YGELSDWSLP ATATMSLGK		
Reconstitution:	Centrifuge vial before opening. 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 10 mM HCL at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions.		
Storage & Stability:	Lyophilized product is stable at room temperature for shipping purposes. Upon receipt, store at -20°C to -80°C for up to 1 year. Upon reconstitution, the preparation is stable for up to one month at 2-8°C. For long term storage, prepare working aliquots and store at -20 to -80°C. For maximal stability, dilute to working aliquots in a 0.1% BSA solution. Avoid repeated freeze-thaw cycles.		



Human EB13 subunit Gel
Figure: 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human EB13 has a predicted MW of 23.4 kDa.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.