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32-12031: Mouse Epstein-Barr Virus Induced Gene 3 Subunit

Gene :	Ebi3
Gene ID :	50498
Uniprot ID :	O35228
Alternative Name :	Epstein-Barr virus-induced gene 3 protein homolog, Il27b

Description

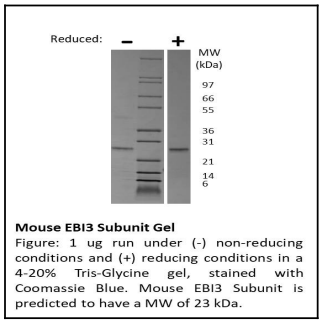
Source: Genetically modified E.coli.
Predicted MW: Monomer, 23 kDa (207 aa)
Epstein-Barr virus induced gene 3 (EBI3) is a secreted glycoprotein belonging to the hematopoietin receptor family related to the p40 subunit of interleukin 12 (IL-12). EBI3 expression is induced in B-lymphocytes in response to Epstein-Barr virus infection. EBI3 forms heterodimers with p28 to form interleukin 27 (IL-27), and with p35 to form interleukin 35 (IL-35). Both IL-27 and IL-35 have anti-inflammatory and regulatory activity.

Product Info

Amount :	10 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 90%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium citrate Sterile water at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MALVALSQPR VQCHASRYPV AVDCSWTPLQ APNSTRSTSF IATYRLGVAT QQQSQPCLQR SPQASRCTIP DVHLFSTVPY MLNVTAVHPG GASSSLLAFV AERIIKPDPP EGVRLRTAGQ RLQVLWHPPA SWPFPDIFSL KYRLRYRRRG ASHFRQVGPI EATTFTLRNS KPHAKYCIQV SAQDLTDYGK PSDWSLPGQV ESAPHKP

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.



Mouse EBI3 Subunit Gel
Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse EBI3 Subunit is predicted to have a MW of 23 kDa.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.