

32-1129: mEBI3 Recombinant Protein

Alternative Name : IL-27B,IL27B,IL 27-B,EBI-3,Interleukin-27 beta,IL-27 subunit beta,Epstein-Barr virus-induced gene 3 protein homolog,EBI3.

Description

Source : Escherichia Coli. EBI3 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 207 amino acids and having a molecular mass of 22.9kDa. The Murine EBI3 is purified by proprietary chromatographic techniques. EBI3 has an induced expression in B lymphocytes in reaction to Epstein-Barr virus infection. EBI3 encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form iL-27. EBI3 drives rapid clonal expansion of naive cd4(+) t-cells. EBI3 strongly synergizes with IL-12 to activate IFN-gamma production of naive cd4(+) t-cells. EBI3 mediates its biologic effects through the cytokine receptor wsx-1/tccr.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content : EBI3 was lyophilized from 10mM Sodium Citrate pH-3.
Storage condition : Lyophilized EBI3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EBI3 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.
Amino Acid : MALVALSQPR VQCHASRYPV AVDCSWTPLQ APNSTRSTSF IATYRLGVAT QQQSQPCLQR SPQASRCTIP DVHLFSTVPY MLNVTAVHPG GASSSLLAFV AERIIKPDPP EGVRLRTAGQ RLQVLWHPPA SWPFPDIFSL KYRLRYRRRG ASHFRQVGPI EATFTLRNS KPHAKYCIQV SAQDLTDY GK PSDWSLPGQV ESAPHKP.

Application Note

It is recommended to reconstitute the lyophilized EBI3 in sterile 18M Ω cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

