

Epstein Barr Virus Induced 3 Recombinant Protein | mEBI3 recombinant protein

Recombinant Mouse Epstein Barr Virus Induced 3

CATALOG #
AAA38731

HOST
E Coli

PRODUCT SYNONYMS

Epstein Barr Virus Induced 3; Recombinant Mouse Epstein Barr Virus Induced 3; EBI3 Mouse; Epstein Barr Virus Induced 3 Mouse Recombinant; IL-27B; IL27B; IL 27-B; EBI-3; Interleukin-27 beta; IL-27 subunit beta; Epstein-Barr virus-induced gene 3 protein homolog; EBI3; mEBI3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	EBI3 was lyophilized from 10mM Sodium Citrate pH-3. Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MALVALSQPR VQCHASRPV AVDCSWTPLQ APNSTRSTSF IATYRLGVAT QQSQPCQLQR SPQASRCTIP DVHLFSTVPY MLNVTAVHPG GASSLLAFV AERIIPDPP EGVRLRTAGQ RLQVLWHPPA SWPFPDIFSL KYRLRYRRRG ASHFRQVGPI EATTFTLRNS KPHAKYCIQV SAQDLTDYGK PSDWSLPGQV ESAPHKP
Sequence Length	228
Solubility	It is recommended to reconstitute the lyophilized EBI3 in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized EBI3 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution EBI3 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for mEBI3 recombinant protein	Description: 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. Introduction: 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 iIL-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 Categories/Family for mEBI3 recombinant protein	Cytokines and Growth Factors; Cytokines; EBI3

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657052
NCBI GeneID	50498
NCBI Accession #	NP_056581.1
NCBI GenBank Nucleotide #	NM_015766.2
UniProt Accession #	O35228

Molecular Weight	25,353 Da
NCBI Official Full Name	interleukin-27 subunit beta
NCBI Official Synonym Full Names	Epstein-Barr virus induced gene 3
NCBI Official Symbol	Ebi3
NCBI Official Synonym Symbols	EBI-3; IL-27
NCBI Protein Information	interleukin-27 subunit beta; IL-27 subunit beta; IL-27B; epstein-Barr virus-induced gene 3 protein homolog
UniProt Protein Name	Interleukin-27 subunit beta
UniProt Gene Name	Ebi3
UniProt Synonym Gene Names	Il27b; IL-27 subunit beta; IL-27B
UniProt Entry Name	IL27B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ebi3-recombinant-protein-e-coli/38731>