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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Epstein Barr Virus Induced 3, His Tag, human recombinant (rHuEBI3-His)

Catalog No: 97282
Lot No: XXXXX
Source: *E. coli*
Synonyms: Interleukin-27 subunit beta, IL-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein, EBV-induced gene 3 protein, EB13, IL27B

Background

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.

Description

EBI3 human recombinant produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 209 amino acids (21-229) and having a molecular weight of 34 kDa. EBI3 is fused with a 4.5 kDa N-terminal hexahistidine tag and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered clear solution.

Formulation

EBI3 protein is supplied in 1xPBS, 50% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.