

EBI3 Human, His

Description:EBI3 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 209 amino acids fragment (21-229) having a molecular weight of 34kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The EBI3 is purified by proprietary chromatographic techniques.

Catalog #:CYPS-675

For research use only.

Synonyms:Interleukin-27 subunit beta, IL-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein, EBV-induced gene 3 protein, EBI3, IL27B.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Purity:Greater than 95.0% as determined by SDS-PAGE.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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