

Recombinant Human EBI3, Fc-tagged

Cat. No. EBI3-27965TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Epstein-Barr Virus-induced Gene 3 (aa 1-229) is fused at the C-terminus to the Fc portion of human IgG1.
Species	Human
Source	HEK293
ProteinLength	1-229 a.a.
Description	This gene was identified by its induced expression in B lymphocytes in response Epstein-Barr virus infection. It encodes a secreted glycoprotein belonging to the hematopoietin receptor family, and heterodimerizes with a 28 kDa protein to form interleukin 27 (IL-27). IL-27 regulates T cell and inflammatory responses, in part by activating the Jak/STAT pathway of CD4+ T cells.
Form	Liquid. 0.2µm-filtered solution in PBS.
Molecular Mass	~60kDa (SDS-PAGE)
Endotoxin	<0.1eu g="" purified="" protein="" (lal="" test;="" lonza).="">
Purity	≥95% (SDS-PAGE)
Storage	Short Term Storage: +4°C, Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration 0.3 mg/ml

GENE INFORMATION

Gene Name EBI3 Epstein-Barr virus induced 3 [Homo sapiens]

Official Symbol EBI3

Synonyms EBI3; Epstein-Barr virus induced 3; interleukin-27 subunit beta; IL27 subunit; IL35 subunit; cytokine receptor; IL-27 subunit beta; EBV-induced gene 3 protein; Epstein-Barr virus induced gene 3; epstein-Barr virus-induced gene 3 protein; IL27B; IL-27B;

Gene ID 10148

mRNA Refseq NM_005755

Protein Refseq NP_005746

MIM 605816

UniProt ID Q14213

Chromosome Location 19p13

Pathway IL27-mediated signaling events, organism-specific biosystem;

Function cytokine activity; cytokine receptor activity; interleukin-27 receptor binding;

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