

## Recombinant Macaque EBI3 subunit (IL-27/IL-35) Protein

Cat. No. EBI3-70M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Macaque EBI3 subunit (IL-27/IL-35) Protein without tag was expressed in E. coli.
<b>Species</b>	Macaque
<b>Source</b>	E.coli
<b>Description</b>	Epstein-Barr virus induced gene 3 (EBI3) is a secreted glycoprotein belonging to the hematopoietin receptor family related to the p40 subunit of interleukin 12 (IL-12). EBI3 expression is induced in B-lymphocytes in response to Epstein-Barr virus infection. EBI3 forms heterodimers with p28 to form interleukin 27 (IL-27), and with p35 to form interleukin 35 (IL-35). Both IL-27 and IL-35 have anti-inflammatory and regulatory activity.
<b>Bio-activity</b>	No biological activity data is available at this time.
<b>Molecular Mass</b>	Monomer, 23.4 kDa (210 aa)
<b>AA Sequence</b>	MRKGPPAALTLPVQCRAPRYPIAVDCSWTLPPAPNSTSPVSFIATYRFGMAARGH SWPCLQQTPASTSCTIADVRLFSMAPYVLNVTAVHPWGSSSSSFVPFIAEHIKPDPE GVRLSPLAERQLQVQWEPPRSWPFPEIFSLKYWIRYKRQGAARFHQVGPPEATSFI RAVRPRARYCVQVAAQDLTDYGELSDWSLPATTMSPGK
<b>Endotoxin</b>	≤1 EUs/μg, Kinetic LAL

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<b>Purity</b>	≥95%, Reducing and Non-Reducing SDS PAGE
<b>Stability</b>	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
<b>Storage</b>	Storage Prior to Reconstitution: -20 centigrade
<b>Storage Buffer</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
<b>Reconstitution</b>	Sterile 20 mM HCl at 0.1 mg/mL
<b>Shipping</b>	Room temperature
<b>Instructions</b>	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

## GENE INFORMATION

<b>Gene Name</b>	EBI3 Epstein-Barr virus induced 3 [ <i>Macaca fascicularis</i> (crab-eating macaque) ]
<b>Official Symbol</b>	EBI3
<b>Synonyms</b>	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;
<b>Gene ID</b>	102144621

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mRNA Refseq XM\_005587557

Protein Refseq XP\_005587614

UniProt ID A0A2K5WPB7

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