

## 32-12030: Macaque Epstein-Barr Virus Induced Gene 3 Subunit

**Gene ID :** 102144621  
**Alternative Name :** IL-35/EBI3, IL-27 EBI3 subunit, IL-35 EBI3 subunit

### Description

**Source:** Genetically modified E.coli.

**Predicted MW:** Monomer, 23.4 kDa (210 aa)

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.

### Product Info

**Amount :** 50 µg / 250 µg  
**Purification :** Reducing and Non-Reducing SDS PAGE at  $\geq 95\%$   
**Content :** Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)  
Sterile 20 mM HCl at 0.1 mg/mL  
**Storage condition :** Store at -20°C  
**Amino Acid :** MRKGPPAALT LPRVQCRAPR YPIAVDCSWT LPPAPNSTSP VSFATYRFG MAARGHSWPC LQTPASTSC  
TIADVRLFSM APYVLNVTAV HPWGSSSSFV PFIAEHIKP DPPEGVRLSP LAERQLQVQW EPPRSWPFPE  
IFSLKYWIRY KRQGAARFHQ VGPIEATSI LRAVRPRARY CVQVAAQDLT DYGELSDWSL PATTPMSPGK

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

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°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

