

## Epstein Barr Virus Induced 3 Human Recombinant

<b>Item Number</b>	rAP-0407
<b>Synonyms</b>	Interleukin-27 subunit beta, IL-27 subunit beta, IL-27B, Epstein-Barr virus-induced gene 3 protein, EBV-induced gene 3 protein, EBI3, IL27B.
<b>Description</b>	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 23.3kDa. The EBI3 is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q14213
<b>Amino Acid Sequence</b>	RKGPPAALTLP RVQCRASRYPIAVDCSWTLPPAPNSTSPVSFIATYRLGMAAR-GHSWPCLQQTPTSTCTITDVQLFSMAPYVVLNVTAVHPWGSSSFVPFITEHIIKPDPEGVRLSPLAERQLQQWEP PGSWPFPEIFSLKYWIRYKRQGAARFHRVGPIEATSFILRAVRPRARYVQVAAQDLTDYGELSDWSPATATMSLGK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized EBI3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EBI3 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	EBI3 Human Recombinant was lyophilized from a solution containing 10mM Acetic Acid and 0.5% Mannitol. Greater than 90% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized EBI3 in sterile 10mM Acetic acid not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Assay data for Human recombinant EBI3 is based upon qualitative binding to anti-EBI3 antibody.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**