

Human IL-27 EBI3 Protein, His tag (Animal-Free)

Cat #: PRP1133

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-27 EBI3 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1133	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Interleukin 27 EBI3 (IL-27 EI3) predicts a molecular mass of 24.25 kDa. IL-27 is a heterodimeric cytokine that is encoded by Epstein-Barr virus-induced gene 3 (EBI3) and IL-27p28. It is expressed by antigen presenting cells and interacts with a specific cell-surface receptor complex known as IL-27 receptor (IL-27R).

Sequence: Amino acid sequence derived from Human IL-27 EBI3 (Arg21-Lys229) (Q14213) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-27 EBI3 consists of 209 amino acids and predicts a molecular mass of 24.25kDa.

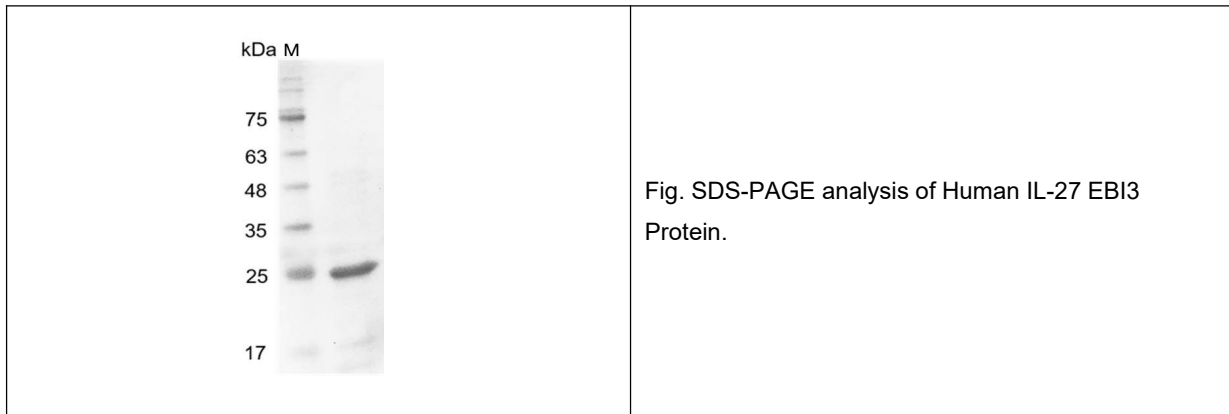
Biological Activity: Measured by its ability to induce TF-1 cells proliferation using a concentration range of 20-200 ng/mL.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 8.0.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA , 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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