

Active Recombinant Mouse Ebi3 Protein (Ala23-Pro228), C-His tagged, Animal-free, Carrier-free

Cat. No. Ebi3-239M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ebi3 Protein (Ala23-Pro228) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Mouse
Source	E.coli
ProteinLength	Ala23-Pro228
Description	Interleukin 27 EBI3 (IL-27 EBI3) predicts a molecular mass of 23.4 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).
Form	Lyophilized
Bio-activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is < 5 ng/mL.
Molecular Mass	The protein has a calculated MW of 23.84 kDa. The protein migrates about 25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	Ebi3 Epstein-Barr virus induced gene 3 [Mus musculus (house mouse)]
Official Symbol	Ebi3
Synonyms	EBI3; Epstein-Barr virus induced gene 3; interleukin-27 subunit beta; IL-27B; IL-27 subunit beta; epstein-Barr virus-induced gene 3 protein homolog; EBI-3; IL-27;
Gene ID	50498
mRNA Refseq	NM_015766
Protein Refseq	NP_056581

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UniProt ID**O35228**

**SDS-PAGE analysis
of recombinant
mouse IL-27 (EBI3).**

kDa**75****63****48****35****25****17****11**

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