

## Recombinant Mouse IL-27 EBI3 protein(His Tag)

**Catalog Number:** PKSM041472

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

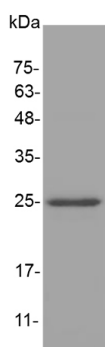
### Description

<b>Species</b>	Mouse
<b>Source</b>	E.coli-derived Mouse IL-27 EBI3 protein Ala 23-Pro 228, with an C-terminal His
<b>Calculated MW</b>	23.8 kDa
<b>Observed MW</b>	25 kDa
<b>Accession</b>	O35228
<b>Bio-activity</b>	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED <sub>50</sub> for this effect is <5 ng/mL.

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 0.1 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
	Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



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### Background

Possesses antiviral functions and induces the type I interferon response during influenza infection. Signals through two receptor complexes IL20RA/IL20RB or IL20RB/IL22RA1. In turn, stimulates the JAK1-STAT3 and MAPK pathways and promotes the secretion of pro-inflammatory mediators including IL8 and MMP1 (By similarity).

### For Research Use Only