

RMCH031

Recombinant IL-27 EBI3 (Interleukin-27 EBI3), Human, AF

 5ug;20ug;100ug;500ug;

Order	021-34695924 orders@ab-mart.com
Support	400-6123-828 support1@ab-mart.com
Web	www.ab-mart.com.cn

Synonym/Alternative name(s):

Epstein-Barr virus induced 3, Interleukin-27 subunit beta, IL-27B, EBI3, p28, IL35B

Activity:

Measure by its ability to induce TF-1 cells proliferation.

The ED50 for this effect is <2 ng/mL.

Protein Description:

IL-27 protein is a member of the IL-6 superfamily, which is expressed on monocytes, endothelial cells and dendritic cells. It is also referred to as the IL-12 p35-related protein. IL-27 protein is an early product of activated antigen-presenting cells and drives rapid clonal expansion of naive CD4(+) T cells and plays a role in the early regulation of Th1 cells initiation which drives efficient adaptive immune response. It has an antiproliferative activity on melanomas through WSX-1/STAT1 signaling. Thus, IL-27 protein may be an attractive candidate as an antitumor agent applicable to cancer immunotherapy.

Protein Accession : Q14213.2**Gene ID :** 10148**Expression Sequence:**

MRKGPPAALTLPVQCRASRYPIAVDCSWTLPPAPNSTSPVSIATYRLGMAARGHSWPCLQQTPTSTSTCTITDVQLFSMAPYVLNVTA
VHPWGSSSSVFPFITEHIIKDPPEGVRLSPLAERQLQVQWEPGSGWPFPEIFSLKYWIRYKRQGAARFHRVGPPEATSIFLRAVRPRARY
YVQVAAQDLTDYGELSDWSPATATMSLGK with polyhistidine tag at the C-terminus

Fusion tag : His-tag?at?the?C-terminus**Species :** Human**Reactivity :** Human**Expression Host :** Escherichia coli**Source :** E. coli**Purity/method:**

>95% as determined by SDS-PAGE.

Ni-NTA chromatography.

Endotoxin level:

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

Calculated Molecular Weight : 24.25 kDa**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 8.0.

Reconstitution:It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.**Shipping :** Blue Ice**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

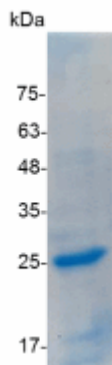
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human IL-27 EB13