

RMCM027

Recombinant IL-30 (Interleukin-30), Mouse , AF



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

Synonym/Alternative name(s):

IL-27, IL-27-A, IL-27p28, IL27-A, p28

Activity:

Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus.
The ED50 for this effect is <5 ng/mL.

Protein Description:

Interleukin-30 (IL-30) is a protein with a molecular weight of 28 kilodaltons, which forms one chain of the heterodimeric cytokine called interleukin 27 (IL-27), thus is sometimes called IL27-p28. The other chain of IL-27 is a molecule called Epstein-Barr induced gene-3 (EBI3). IL-30 is a member of the long-chain, 4-helix bundle family of cytokines, making it structurally similar to IL-6. This gene for this molecule is now officially called IL-27 under HGNC guidelines.

Protein Accession : Q8K3I6.1

Gene ID : 246779

Expression Sequence:

MFPTDPLSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDLLPLGYHLPNVSLTFQAWHHLSDSERLCFLATTLRPFAMLGGLGTQGTWTSSEREQWLWAMRLDLRDLHRHLRFQVLAAGFKCSKEEEDKEEEEEEEEEKPLPLGALGGPNQVSSQVSWPQLLYTYQLLSLELVLSRAVRDLLLLSLPRRPGSAWDS with polyhistidine tag at the C-terminus.

Fusion tag : His-tag?at?the?C-terminus

Species : Mouse

Reactivity : Mouse

Expression Host : Escherichia coli

Source : E. coli

Purity/method:

>98% 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 : 24.51 kDa

Formulation:

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

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.

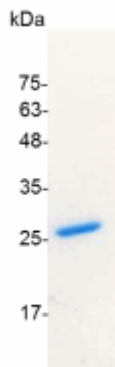
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

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 mouse IL-30