

**RMCH035**

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



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

**Synonym/Alternative name(s):**

IL-27-p28 subunit, IL27A; IL-27A; IL27p28

**Activity :** N/A

**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 :** Q8NEV9.2

**Gene ID :** 246778

**Expression Sequence:**

MFPRPPGRPQLSLQELRREFTVSLHLARKLLSEVRGQAHRF AESHLPGVNLYLLPLGEQLPDVSLTFQAWRRRLSDPERLCFISTTLQPFHALLGGLGTQGRWTNMMERMQLWAMRLDLRDLQRHLRFQVLAAGFNLPEEEEEEEEEERKGLLPALGALQGPQVSWPQLLSTY RLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP 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:**

>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 :** 25.47 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.

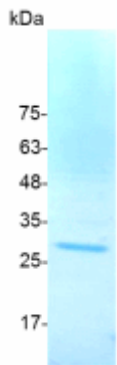
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

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-30