

Active Recombinant Human IL20 protein, His-tagged

Cat. No. IL20-1931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL20 protein(Leu 25 - Glu 176), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu25-Glu176
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Human IL-20, His Tag immobilized on CM5 Chip can bind Human IL-20 R alpha, Fc Tag with an affinity constant of 4.42 µM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 19.4 kDa. The protein migrates as 18 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is

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stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [IL20 interleukin 20 \[Homo sapiens \]](#)

Official Symbol [IL20](#)

Synonyms IL20; interleukin 20; interleukin-20; IL 20; IL10D; ZCYTO10; cytokine Zcyto10; four alpha helix cytokine; IL-20; MGC96907;

Gene ID [50604](#)

mRNA Refseq [NM_018724](#)

Protein Refseq [NP_061194](#)

MIM [605619](#)

UniProt ID [Q9NYY1](#)

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