

Active Recombinant Human IL20 protein(Leu25-Glu176)

Cat. No. IL20-7346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL20 (Q9NYY1) (Leu25-Glu176) was expressed in E. coli, with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	Leu25-Glu176
Form	Lyophilized from sterile PBS pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with human IL20 R α and human IL20 R β . The ED50 for this effect is typically 0.25-2.5 ng/mL.
Molecular Mass	The recombinant human IL20 consists of 153 amino acids and predicts a molecular mass of 17.7 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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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