

Active Recombinant Human IL20 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Human IL20 protein(Q9NYY1-1)(Leu25-Leu176), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-176 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human IL-20RA, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-20, His Tag with an affinity constant of 8.28 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 19.4 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

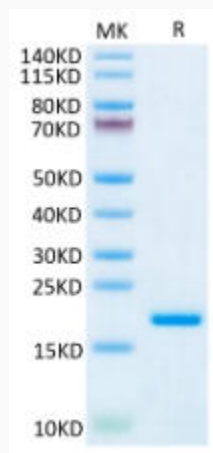
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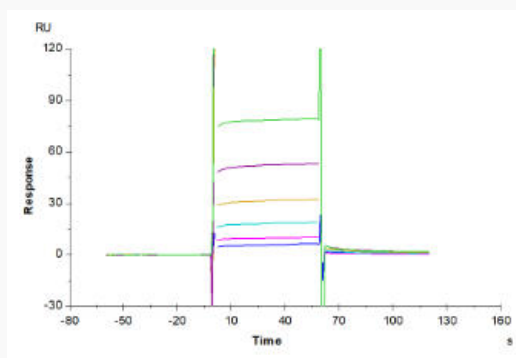
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Bis-Tris PAGE



SPR Data



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