

Recombinant Human IL20RB protein, Fc-tagged

Cat. No. IL20RB-220H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL20RB protein (Asp30-Ala230), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	201
Description	Interleukin-20 receptor subunit beta (IL20RB) is also known as IL-20R2, DIRS1, which belongs to the type II cytokine receptor family. IL20RB/IL-20R2 contains two fibronectin type-III domains. IL20RB/IL-20R2 is widely expressed with highest levels in skin and testis. IL20RB can be fused with IL20RA or IL22RA1 forming heterodimer. The IL20RA/IL20RB dimer is a receptor for IL19, IL20 and IL24. The IL22RA1/IL20RB dimer is a receptor for IL20 and IL24.
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 49.1 kDa. As a result of glycosylation, the protein migrates as 50 kDa under reducing (R) condition, and 100 kDa under non-reducing (NR) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per ug by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Storage	<p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 centigrade to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.</p>
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	IL20RB
Official Symbol	IL20RB
Synonyms	IL20RB; interleukin 20 receptor beta; fibronectin type III domain containing 6 , FNDC6; interleukin-20 receptor subunit beta; DIRS1; IL 20R2; MGC34923; IL-20RB; IL-20R-beta; interleukin-20 receptor II; IL-20 receptor subunit beta; fibronectin type III domain containing 6; FNDC6; IL-20R2
Gene ID	53833
mRNA Refseq	NM_144717
Protein Refseq	NP_653318
MIM	605621

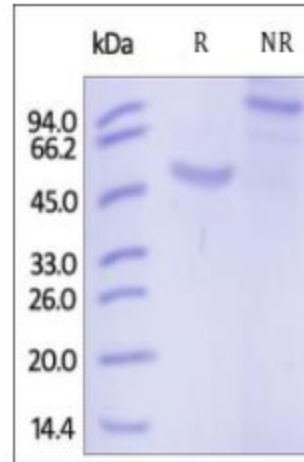
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UniProt ID

Q6UXL0

SDS-PAGE of
IL20RB-220H

Human IL-20 R beta, Fc Tag on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

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