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Datasheet for ABIN7318609 IL20RA Protein (His tag)

Overview

Quantity:	50 µg
Target:	IL20RA
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL20RA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL-20RA/IL-20R1 Protein (His Tag)(Active)
Sequence:	Val30-Lys250
Characteristics:	Recombinant Human Interleukin-20 Receptor Subunit alpha is produced by our Mammalian expression system and the target gene encoding Val30-Lys250 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human IL-20(Cat: PKSH032630) at 2µg/ml(100 µl/well) can bind Human IL-20RA-His. The ED50 of Human IL-20RA-His is 3.5 ug/ml .

Target Details

Target:	IL20RA
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Target Details

Alternative Name: IL-20RA/IL-20R1 ([IL20RA Products](#))

Background: Interleukin-20 Receptor Subunit α (IL20RA) is a single-pass type I membrane protein that is a member of the type II cytokine receptor family. IL20RA is synthesized as a 553 amino acid glycoprotein precursor containing a 29 amino acid signal peptide, a 221 amino acid extracellular domain with two fibronectin type-III domains, a 24 amino acid transmembrane region, and a 279 amino acid intracellular domain. IL20RA is widely expressed with highest levels found in skin and testis and high levels in brain. IL20RA forms a heterodimer with IL20RB, and the complex serves as a receptor for IL19, IL20 and IL24. IL20RA also forms a heterodimer with the unique and specific receptor IL10RB and functions as the receptor for IL26.

Synonym: Interleukin-20 Receptor Subunit Alpha, IL-20 Receptor Subunit Alpha, IL-20R-Alpha, IL-20RA, Cytokine Receptor Class-II Member 8, Cytokine Receptor Family 2 Member 8, CRF2-8, IL-20R1, ZcytoR7, IL20RA

Molecular Weight: 26.3 kDa

UniProt: [Q9UHF4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.