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Datasheet for ABIN1096927

IL20RA Protein (AA 30-250) (His tag)

Overview

Quantity:	50 µg
Target:	IL20RA
Protein Characteristics:	AA 30-250
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL20RA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL-20 Receptor Subunit α/IL20RA (C-6His)
Sequence:	VPCVSGGLPK PANITFLSIN MKNVLQWTPP EGLQGKVTY TVQYFIYGQK KWLNKSECRN INRTYCDLSA ETSDEYHQYY AKVKAIWGTK CSKWAESGRF YPFLETQIGP PEVALTTDEK SISVVLTAPE KWKRNPEDLP VSMQQIYSNL KYNVSVLNTK SNRTWSQCVT NHTLVLTWLE PNTLYCVHVE SFVPGPPRRR QPSEKQCART LKQDSSEFKA KVDHHHHHHH
Characteristics:	Recombinant Human Interleukin-20 Receptor Subunit alpha/IL20RA is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Val30-Lys250) of Human IL20RA fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	IL20RA
Alternative Name:	IL-20 R alpha (IL20RA Products)
Sub Type:	Fusionprotein
Background:	<p>Interleukin-20 Receptor Subunit alpha (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.</p> <p>Alternative Names: 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</p>
Molecular Weight:	26.3 kDa
UniProt:	Q9UHF4

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>

Handling

Expiry Date: 3 months