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Datasheet for ABIN7317883 IL20RA Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL20RA
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL20RA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL-20RA/IL-20R1 Protein (His Tag)
Sequence:	Met 1-Lys 250
Characteristics:	A DNA sequence encoding the extracellular domain of human IL20Ra isoform 1 (NP_055247.21) (Met 1-Lys 250) was fused with a polyhistidine 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.

Target Details

Target:	IL20RA
Alternative Name:	IL-20RA/IL-20R1 (IL20RA Products)
Background:	Background: Interleukin 20 receptor, alpha subunit (IL20RA/IL-20RA) also known as IL-20 receptor subunit alpha, Cytokine receptor class-II member 8, interleukin-20 receptor I, and interleukin-20 receptor subunit alpha, is a subunit for the interleukin-20 receptor. IL20RA/IL-

Target Details

20RA belongs to the type II cytokine receptor family. This cytokine is a receptor for interleukin 20 (IL20), a cytokine that may be involved in epidermal function. The receptor of IL20 is a heterodimeric receptor complex consisting of this protein and interleukin 20 receptor beta (IL20B). IL20RA forms heterodimer with IL20RB, and the complex serves as a receptor for IL19, IL20 and IL24. All three are capable of signaling through IL-20RA/IL-20RB complex. The ligand binding to receptor B creating a high-affinity binding site for the receptor A which is recruited to complete the complex. In addition, IL20RA also forms a heterodimer with the unique and specific receptor IL10RB and functions as the receptor for IL26. IL20RA is widely expressed with highest levels in skin, testis and brain. The expression of both IL20RA and IL20RB is found to be upregulated in psoriatic skin lesions on keratinocytes.

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:	26.8 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.2
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Storage:	4 °C,-20 °C,-80 °C
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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.
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