Recombinant Active Human IL20 Protein, His-tagged(C-ter)

Cat. No. IL20-172H **Lot. No.** (See product label)

SPECIFICATION

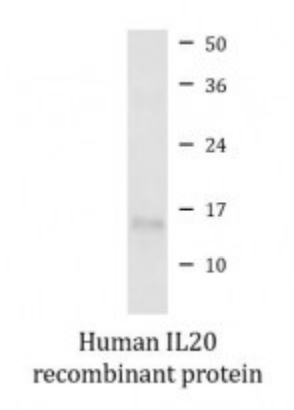
Product Overview	Recombinant Active Human IL20 Protein with His tag (C-ter) was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a cytokine structurally related to interleukin 10 (IL10). This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis. [provided by RefSeq, Jul 2008]
Form	Powder
Bio-activity	Determined by its ability to chemoattract BaF3 mouse pro-B cells transfected with human IL-20R alpha and IL-20R beta. The ED50 for this effect is < 0.2 ng/mL.
AA Sequence	MLKTLNLGSCVIATNLQEIRNGFSEIRGSVQAKDGNIDIRILRRTESLQDTKPANRCCL LRHLLRLYLDRVFKNYQTPDHYTLRKISSLANSFLTIKKDLRLCHAHMTCHCGEEAMK KYSQILSHFEKLEPQAAVVKALGELDILLQWMEETE
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Storage Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

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

UniProt ID	Q9NYY1
SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA