

Recombinant Human IL20, His-tagged

Cat. No. IL20-29777TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length mature Human IL20 with His tag produced in the endosperm tissue of barley grain ; 169 amino acids with tag, Predicted MWt 19.8 kDa.
Species	Human
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.
Conjugation	HIS
Tissue specificity	Expressed at very low levels in skin, trachea, and other tissues.
Biological activity	Bioactivity:For this bioassay, a lymphoma cell line (BW5147) stably transfected with both chains of the IL20 receptor was used. To measure IL20 activity, these cells were transiently transfected with a luciferase reporter construct which specifically respo
Form	Lyophilised:Reconstitute the lyophilized protein in sterile water to a concentration of no less than 100 µg/ml. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Purity	>95% 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

Storage buffer	Preservative: None Constituents: PBS, pH 7.2
Storage	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C.
Sequence Similarities	Belongs to the IL-10 family.
Full Length	Full L.
GENE INFORMATION	
Gene Name	IL20 interleukin 20 [Homo sapiens]
Official Symbol	IL20
Synonyms	IL20; interleukin 20; interleukin-20; IL 20; IL10D; ZCYTO10;
Gene ID	50604
mRNA Refseq	NM_018724
Protein Refseq	NP_061194
MIM	605619
Uniprot ID	Q9NYY1
Chromosome Location	1q32
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-

 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

cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

Function

cytokine activity; interleukin-20 receptor binding; receptor binding;

 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