Recombinant Human IL20

Cat. No. IL20-29664TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human)The recombinant protein is a 35.2 kDa homodimer consisting of two 153 amino acid polypeptide chains.
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.
Tissue specificity	Expressed at very low levels in skin, trachea, and other tissues.
Biological activity	Biological activity determined by its ability to activate STAT following receptor ligand interaction.
Form	Lyophilised:Reconstitute to 1mg/ml using sterile water.
Storage	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C.
Sequences of amino	MLKTLNLGSC VIATNLQEIR NGFSEIRGSV QAKDGNIDIR ILRRTESLQD

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acids	TKPANRCCLL RHLLRLYLDR VFKNYQTPDH YTLRKISSLA NSFLTIKKDL RLCHAHMTCH CGEEAMKKYS QILSHFEKLE PQAAVVKALG ELDILLQWME ETE
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-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

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

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