

Recombinant Human IL20 Protein

Cat. No. IL20-160H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL20 Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin 20 (IL-20) is structurally related to interleukin 10 (IL-10) and is produced by keratinocytes and monocytes. IL-20 acts through the STAT3 signaling pathway to regulate the proliferation of keratinocytes during epidermal inflammation.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Dimer, 17.7/35.3 kDa (153/306 aa)
AA Sequence	MLKTLNLGSCVIATNLQEIRNGFSEIRGSVQAKDGNIDIRILRRTESLQDTKPANRCCL LRHLLRLYLDRVFKNYQTPDHYTLRKISSLANSFLTIKKDLRLCHAHMTCHCGEEAMK KYSQILSHFEKLEPQAAVVKALGELDILLQWMEETE
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

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Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 20 mM sodium chloride, pH 7.5
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	IL20 interleukin 20 [Homo sapiens (human)]
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

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UniProt ID

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