

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

Cat. No. IL20-173M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Active Mouse IL20 Protein with His tag (C-ter) was expressed in E. coli.
Species	Mouse
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 induce proliferation in BaF3 mouse pro-B cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED50 for this effect is < 2 ng/mL.
AA Sequence	MLKTLHLGSCVITANLQAIQKEFSEIRDSVQAEDTNIDIRILRTTESLKDIKSLDRCCFL RHLVRFYLDREVFKVYQTPDHHTLRKISSLANSLIIKKDLSVCHSHMACHCGEEAME KYNQILSHFIELELQAAVVKALGELGILLRWMEEML
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.

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Purity	> 98% (by SDS-PAGE)
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 7.4)
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.

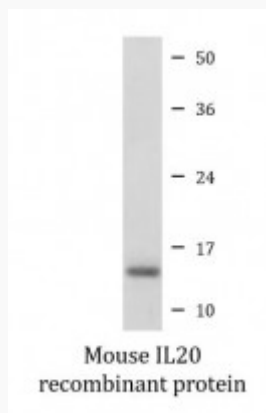
GENE INFORMATION

Gene Name	IL20 interleukin 20 [<i>Mus musculus</i>]
Official Symbol	IL20
Synonyms	IL20; interleukin 20; interleukin-20; IL-20; cytokine Zcyto10; four helix bundle cytokine 10; four alpha helix cytokine ZCYTO10; Zcyto10; MGC130536;
Gene ID	58181
mRNA Refseq	NM_021380
Protein Refseq	NP_067355

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SDS-PAGE

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