

# Active Recombinant Mouse Il20 Protein (Leu25-Leu176), C-His tagged, Animal-free, Carrier-free

Cat. No. II20-262M Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il20 Protein (Leu25-Leu176) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Leu25-Leu176
<b>Description</b>	Interleukin 20 (IL-20) predicts a molecular mass of 17.6 kDa. The IL-20 subfamily of cytokines is comprised of IL-19, IL-20, IL-22, IL-24, and IL-26. It regulates of differentiation of keratinocytes during inflammation, the expansion of multipotential hematopoietic progenitor cells.
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to induce proliferation in BaF3 cells transfected with human IL-20 R alpha and human IL-20 R beta. The ED50 for this effect is < 2 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 18.52 kDa. The protein migrates as 11-17 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/μg of the protein by the LAL method.

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<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

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

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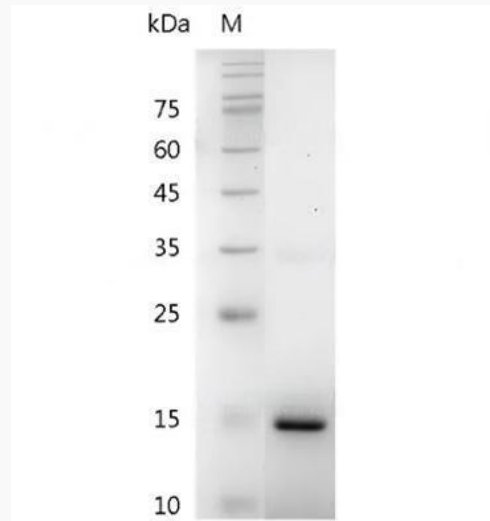
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UniProt ID

Q9JKV9

**SDS-PAGE analysis  
of recombinant  
mouse IL-20.**



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