

# Mouse IL-20 Protein

Cat. No. IL2-MM220

## Description

<b>Source</b>	Recombinant Mouse IL-20 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Leu25- Leu176.
<b>Accession</b>	Q9JKV9
<b>Molecular Weight</b>	The protein has a predicted MW of 19.5 kDa. Due to glycosylation, the protein migrates to 20-22 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

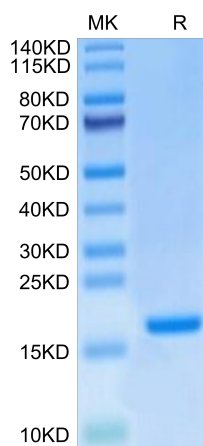
<b>Formulation</b>	Lyophilized from 0.22 µm filtered solution in 20mM PB, 500mM NaCl (pH 8.0). Normally 8% mannitol is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Interleukin (IL)-20 is a member of the IL-10 family of cytokines, which has been reported to participate in autoimmune inflammatory diseases. However, the potential role of IL-20 in hepatocellular carcinoma (HCC) progression has not yet been investigated. In addition, IL-20 expression was significantly associated with tumor size, metastasis, TNM stage and poor prognosis in patients with HCC.

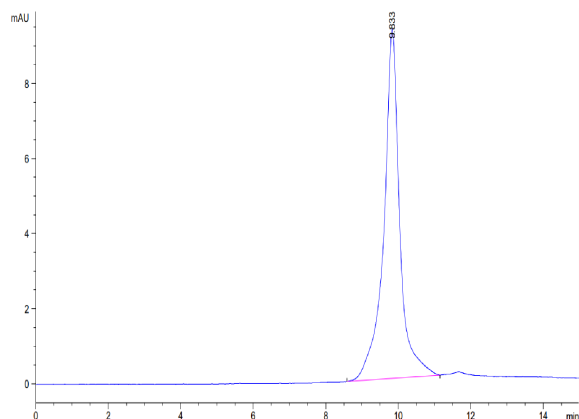
## Assay Data

### Bis-Tris PAGE



Mouse IL-20 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Mouse IL-20 is greater than 95% as determined by SEC-HPLC.