

## Mouse IL-20 Protein

Cat. No. IL2-MM120

### Description

<b>Source</b>	Recombinant Mouse IL-20 Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Leu25- Leu176.
<b>Accession</b>	Q9JKV9
<b>Molecular Weight</b>	The protein has a predicted MW of 44.9 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

### Formulation and Storage

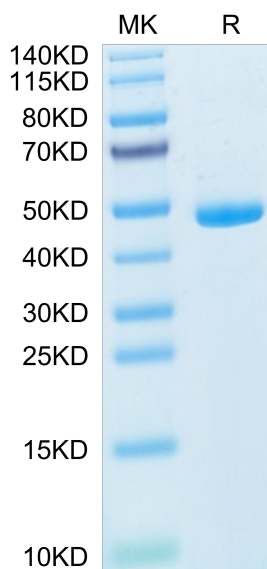
<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

### 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

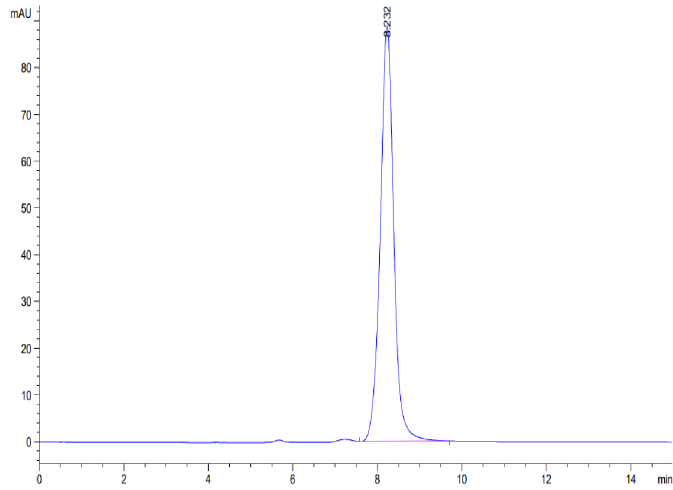
#### Bis-Tris PAGE



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

#### SEC-HPLC

Assay Data



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