

Datasheet for ABIN7274921

IL-20 Protein (AA 25-176) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	IL-20 (IL20)
Protein Characteristics:	AA 25-176
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-20 protein is labelled with His tag.

Product Details

Purpose:	Human IL-20 Protein
Sequence:	Leu25-Leu176
Characteristics:	Recombinant Human IL-20 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Leu25-Leu176.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL-20 (IL20)
Alternative Name:	IL-20 (IL20 Products)

Target Details

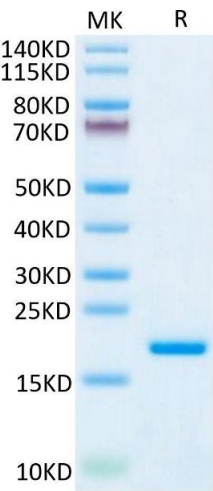
Background:	Interleukin (IL)-20 is a member of the IL-10 family of cytokines, which has been reported to participate in autoimmune inflammatory diseases. However, the potential role of IL-20 in hepatocellular carcinoma (HCC) progression has not yet been investigated. In addition, IL-20 expression was significantly associated with tumor size, metastasis, TNM stage and poor prognosis in patients with HCC.
Molecular Weight:	19.4 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
UniProt:	Q9NYY1
Pathways:	Protein targeting to Nucleus

Application Details

Restrictions:	For Research Use only
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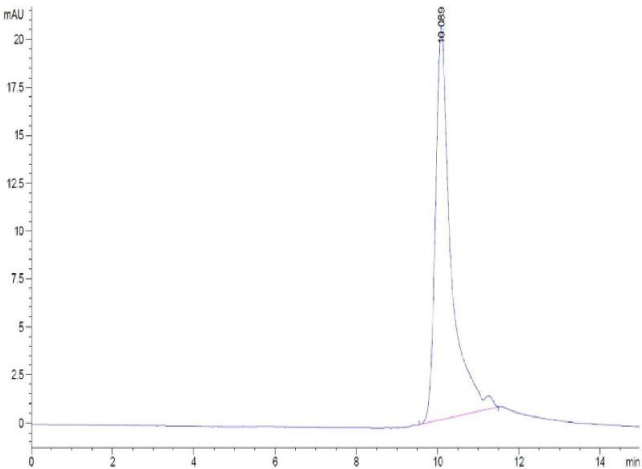
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human IL-20 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human IL-20 is greater than 95 % as determined by SEC-HPLC.