

Datasheet for ABIN6700073

IL-20 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL-20 (IL20)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human Interleukin-20 Recombinant Protein
Purification:	Interleukin-20 purity was determined to be greater than 95% as determined by analysis by UV-Spectroscopy at 280nm and by reducing and non-reducing SDS-PAGE.
Purity:	95,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by the ability to activate STAT following receptor ligand interaction.

Target Details

Target:	IL-20 (IL20)
Alternative Name:	IL20 (IL20 Products)
Background:	Synonyms: Cytokine Zcyto10 Background: Interleukin-20 (IL-20) is an IL-10 family member produced by keratinocytes and monocytes. IL-20 appears to regulate the growth of keratinocytes during inflammation of the

Target Details

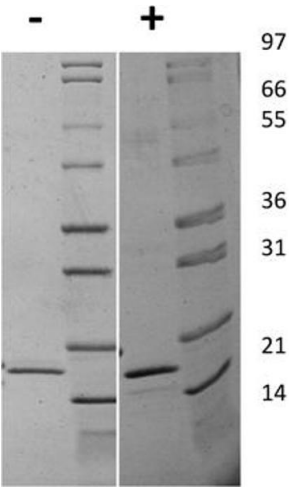
	skin. Recombinant human IL-20 is a non-glycosylated homodimer, containing two 153 amino acids, with a total molecular weight of 35.2 kDa.
UniProt:	Q9NYY1
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	Application Note: Interleukin-20 Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Interleukin-20 in immunological assays. Other: User Optimized
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 100 µL
Buffer:	Buffer: 0.01 M Sodium Phosphate, pH 7.5 Stabilizer: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months



SDS-PAGE

Image 1. SDS-PAGE of Human Interleukin-20 Recombinant Protein SDS-PAGE of Human Interleukin-20 Recombinant Protein. Lane 1: 1 µg Human IL-20 in non-reducing conditions . Lane 2: Molecular weight marker. Lane 3: 1 µg Human IL-20 in reducing conditions (+). Lane 4: Molecular weight marker. Human IL-20 is a non-covalently linked homodimer with a predicted total MW of 35.2 kDa.