

Bioactive

IL20 (Human) Recombinant protein

Catalog # P8792

Size 2 x 10 ug

Specification

Product Description	Human IL20 (Q9NYY1) recombinant protein expressed in <i>Escherichia Coli</i> .
Host	Escherichia coli
Theoretical MW (kDa)	35.212
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE. > 95% by RP-HPLC.
Activity	The Biological Activity was determined by measuring the dose dependent activation of STAT3 in human epidermal keratinocytes (HEKa cells). Significant STAT3 activation is observed with 100 ng/mL of recombinant human IL-20 corresponding to a Specific Activity of 10,000 IU/mg.
Storage Buffer	Lyophilized from with no additives
Storage Instruction	Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20 °C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL20

Entrez GeneID	50604
Protein Accession#	Q9NYY1
Gene Name	IL20
Gene Alias	IL-20, IL10D, MGC96907, ZCYTO10
Gene Description	interleukin 20
Omim ID	605619
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a cytokine structurally related to interleukin 10 (IL10). This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis. [provided by RefSeq]
Other Designations	OTTHUMP00000034617 OTTHUMP00000034618 four alpha helix cytokine

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Infant](#)

- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)