

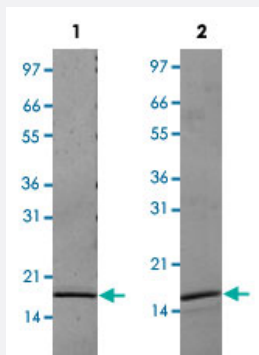
Bioactive

IL20 (Human) Recombinant Protein

Catalog # P4411

Size 10 ug

Applications



Lane 1: non-reducing conditions

Lane 2: reducing conditions

Specification

Product Description

Human IL20 (Q9NYY1) recombinant protein expressed in *Escherichia coli*.

Sequence

MLKTLNLGSCVIATNLQEIRNGFSEIRGSVQAKDGNIDIRILRRTESLQDTKPANRCCLLRHLLRLYLD
RVFKNYQTPDHYTLRKISSLANSFLTIKKDLRLCHAHMTCHCGEEAMKKYSQILSHFEKLEPQAAV
VKALGELDILLQWMEETE

Host

Escherichia coli

Theoretical MW (kDa)

35.2

Form

Lyophilized

Preparation Method

Escherichia coli expression system

Endotoxin Level

< 0.1 EU/ug

Activity

The biological activity is determined by the ability to activate STAT following receptor ligand interaction.

Quality Control Testing

1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue
Lane 1: non-reducing conditions
Lane 2: reducing conditions

Storage Buffer

Lyophilized from 10 mM sodium citrate, 100 mM NaCl, pH 3.0

Storage Instruction

Store at -20°C on dry atmosphere.
After reconstitution with sterilized water, store at -20°C or lower.
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](#)