

Bioactive

IL20 (Human) Recombinant Protein

Catalog # P7156

Size 10 ug

Specification

Product Description	Human IL20 (Q9NYY1, 25 a.a. - 176 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	LKTLNLGSCVIATNLQEIRNGFSEIRGSVQAKDGNIDIRLRRTESLQDTKPANRCCLLRHLLRLYLDR VFKNYQTPDHYTLRKISSLANSTLTIKKDLRLCHAHMTCHCGEEAMKKYSQILSHFEKLEPQAAVV KALGELDILLQWMEETE
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	17.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The ED ₅₀ was determined by the cell proliferation assay using human IL-20Ralpha and human IL-20b eta co-transfected murine BaF3 pro-B cells is < 0.5 ng/ml, corresponding to a specific activity of > 2.0 x 10 ⁶ IU/mg.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. 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](#)