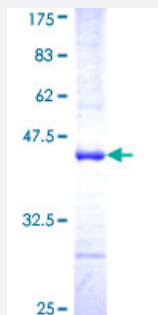


IL20 (Human) Recombinant Protein (Q01)

Catalog # H00050604-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human IL20 partial ORF (NP_061194, 67 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RTESLQDTKPANRCCLLRHLLRLYLDRVFKNYQTPDHYTLRKISSLANSFLTIKKDLRLCHAHMTCH CGEEAMKKYSQILSHFEKLEPQAAVVKALGELDILLQWMEETE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (75); Rat (74)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL20

Entrez GeneID [50604](#)

GeneBank Accession# [NM_018724](#)

Protein Accession# [NP_061194](#)

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](#)