

## Recombinant Human IL20, GST-tagged

Cat. No. IL20-14181H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human IL20 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                                                                                                                               |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ProteinLength    | 26-176a.a.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Description      | 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. |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                              |
| Storage Buffer   | 1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                                                                                                                                                                                          |

### GENE INFORMATION

|           |                                      |
|-----------|--------------------------------------|
| Gene Name | IL20 interleukin 20 [ Homo sapiens ] |
|-----------|--------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | IL20                                                                                                                                                                                                                                        |
| <b>Synonyms</b>            | IL20; interleukin 20; interleukin-20; IL 20; IL10D; ZCYTO10; cytokine Zcyto10; four alpha helix cytokine; IL-20; MGC96907;                                                                                                                  |
| <b>Gene ID</b>             | 50604                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | NM_018724                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>      | NP_061194                                                                                                                                                                                                                                   |
| <b>MIM</b>                 | 605619                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>          | Q9NYY1                                                                                                                                                                                                                                      |
| <b>Chromosome Location</b> | 1q32                                                                                                                                                                                                                                        |
| <b>Pathway</b>             | Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; |
| <b>Function</b>            | cytokine activity; interleukin-20 receptor binding; receptor binding;                                                                                                                                                                       |

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