

## Recombinant Cattle CXCL5 protein, His & GST-tagged

Cat. No. CXCL5-7131C    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cattle CXCL5 aa. (Gly37~Asn112 (Accession# P80221)) fused with N-terminal His & GST tag was produced in E. coli cells.                                                                                                                                                                                                             |
| <b>Species</b>          | Cattle                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Gly37~Asn112                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 38.3kDa                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                           |
| <b>Characteristic</b>   | The isoelectric point is 8.8.                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.<br>(Referring from China Biological Products Standard, which was calculated by the |

 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

Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

CXCL5 chemokine (C-X-C motif) ligand 5 [ *Bos taurus* (cattle) ]

**Official Symbol**

CXCL5

**Synonyms**

CXCL5; GCP2; CXCL6; GCP-2; SCYB6; C-X-C motif chemokine 6; chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2); granulocyte chemotactic protein 2; inducible cytokine subfamily B (Cys-X-Cys), member 6; small-inducible cytokine B6

**Gene ID**

281735

**mRNA Refseq**

NM\_174300.2

**Protein Refseq**

NP\_776725.1

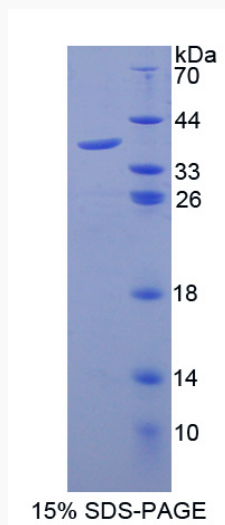
**UniProt ID**

P80221

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**SDS-PAGE**

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