

# Recombinant Sheep IL6 protein, His-tagged

**Cat. No.** IL6-655S    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Sheep IL6 aa. (Gly30~Lys208 (Accession # P29455)) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                                                                          |
| <b>Species</b>          | Sheep                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Gly30~Lys208                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 24.27 kDa as determined by SDS-PAGE reducing conditions                                                                                                                                                                                                                                                                             |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | >97%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH 7.4.

**Reconstitution** Reconstitute in PBS.

## GENE INFORMATION

**Gene Name** IL6 interleukin 6 [ Ovis aries (sheep) ]

**Official Symbol** IL6

**Synonyms** IL-6; interleukin 6 (interferon, beta 2); interleukin-6

**Gene ID** 443406

**mRNA Refseq** NM\_001009392.1

**Protein Refseq** NP\_001009392.1

**UniProt ID** P29455

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