

## Recombinant Rat Cd164 protein, His & T7-tagged

**Cat. No.** Cd164-7155R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Cd164 aa. (Gln24~Asp160 (Accession# Q9QX82)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                 |
| <b>Species</b>          | Rat                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                         |
| <b>ProteinLength</b>    | Gln24~Asp160                                                                                                                                                                   |
| <b>Description</b>      | Membrane protein found in lysosomal and endosomal compartments.                                                                                                                |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 18.0kDa                                                                                                                                              |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                  |
| <b>Purity</b>           | >90%                                                                                                                                                                           |
| <b>Characteristic</b>   | The isoelectric point is 5.7.                                                                                                                                                  |
| <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 |

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the 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**

Cd164 CD164 molecule [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Cd164

**Synonyms**

Cd164; CD164 molecule; MGC-24v; sialomucin core protein 24; CD164 antigen; CD164 molecule, sialomucin; MGC-24; MUC-24; endolyn; multi-glycosylated core protein 24

**Gene ID**

83689

**mRNA Refseq**

NM\_031812.1

**Protein Refseq**

NP\_114000.1

**UniProt ID**

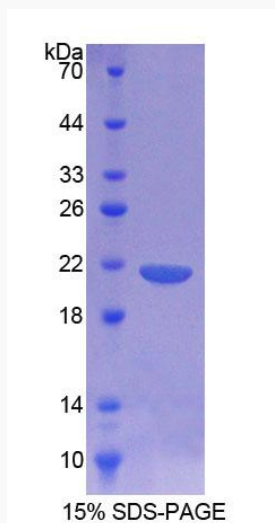
Q9QX82

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SDS-PAGE



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