

# Active Recombinant Mouse Crisp4 Protein, His-tagged

**Cat. No.** Crisp4-770M    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Crisp4 (Accession # NP_084309) Pro22-Lys250, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.                                                                                                                                             |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>               | CHO                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>        | Pro22-Lys250                                                                                                                                                                                                                                                                                                |
| <b>Predicted N Terminal</b> | Leu23                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>                 | Lyophilized from a 0.2 μ filtered solution in PBS.                                                                                                                                                                                                                                                          |
| <b>Bio-activity</b>         | Measured by the ability of the immobilized protein to support the adhesion of NTera-2 human testicular embryonic carcinoma cells. The ED50 for this effect is typically 0.3 - 1.5 μg/mL after a 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application. |
| <b>Molecular Mass</b>       | Recombinant Mouse Crisp4, His-tagged has a calculated MW of 27.2 kDa. In SDS-PAGE migrates as 34-37 kDa, reducing conditions.                                                                                                                                                                               |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                                                 |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3                                                                                                                               |

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months (-70°C).

**Reconstitution**

Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

**GENE INFORMATION**
**Gene Name**

Crisp4 cysteine-rich secretory protein 4 [ *Mus musculus* ]

**Official Symbol**

Crisp4

**Synonyms**

CRISP4; cysteine-rich secretory protein 4; cysteine-rich secretory protein 1; 9230112K08Rik;

**Gene ID**

78081

**mRNA Refseq**

NM\_030033

**Protein Refseq**

NP\_084309

**MIM**

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