

Active Recombinant Mouse Crisp4 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	Pro22-Lys250
Predicted N Terminal	Leu23
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Crisp4, His-tagged has a calculated MW of 27.2 kDa. In SDS-PAGE migrates as 34-37 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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