

## Active Recombinant Mouse Creg1 Protein, His-tagged

**Cat. No.** Creg1-665M    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Mouse Creg1 (Accession # NP_035934) Arg32-Gln220, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.                                                                                                                   |
| <b>Species</b>              | Mouse                                                                                                                                                                                                                                                                    |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>        | Arg32-Gln220                                                                                                                                                                                                                                                             |
| <b>Predicted N Terminal</b> | Arg32                                                                                                                                                                                                                                                                    |
| <b>Form</b>                 | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.                                                                                                                                                                                        |
| <b>Bio-activity</b>         | Measured by its binding ability in a functional ELISA. When Recombinant Human IGF-II R is immobilized at 2 µg/mL (100 µL/well), the concentration of Recombinant Mouse CREG that produces 50% of the optimal binding response is found to be approximately 3 - 15 ng/mL. |
| <b>Molecular Mass</b>       | Recombinant Mouse Creg1, His-tagged has a calculated MW of 22.3 kDa. In SDS-PAGE migrates as 25-35 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 200 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.

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

[Creg1 cellular repressor of E1A-stimulated genes 1 \[ Mus musculus \]](#)

**Official Symbol**

Creg1

**Synonyms**

CREG1; cellular repressor of E1A-stimulated genes 1; protein CREG1; Creg; AA755314;

**Gene ID**

[433375](#)

**mRNA Refseq**

[NM\\_011804](#)

**Protein Refseq**

[NP\\_035934](#)

**MIM**

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