

## Recombinant Mouse Creb5 protein, His-tagged

**Cat. No.** Creb5-5532M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Creb5 protein(Q8K1L0)(1-357aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-357a.a.                                                                                                                                                                                                                                        |
| <b>Tag</b>              | His                                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.               |
| <b>Molecular Mass</b>   | 44.1 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

MSMRPVPGSLSSLLHLHNRQRQMPASMPGTLNPNTMPGSSAVLMPMERQMSVN  
SSIMGMQGPNLSPNCASPQVQPMHSEAKMRLKAALTHHPAAMSNGNMSTIGHMM  
EMMGSQRDQTPHHHLHSHPHQHQTLPHPHPYPHQHQPAPHHHPHPQPHHQQNHP  
HHHSHSHLHAHPAHHQTSPHPPLHTGNQAQVSPATQQMQPTQTIQPPQPTGGRR  
RRVDEDPDERRRRKFLERNRAAATRCRQKRKVWVMSLEKKAEEELTQTNMQLQNEV  
SMLKNEVAQLKQLLLTHKDCPITAMQKESQGYLSPESPASPVPACSQQQVIQHN  
TITTSSSVSEVVGSSTLSQLTTHRTDLNPIL

### GENE INFORMATION

**Gene Name** [Creb5 cAMP responsive element binding protein 5 \[ Mus musculus \]](#)

**Official Symbol** [Creb5](#)

**Synonyms** CREB5; cAMP responsive element binding protein 5; cyclic AMP-responsive element-binding protein 5; CREB-5; CRE-BPa; cAMP-responsive element-binding protein 5; Crebpa; D430026C09Rik;

**Gene ID** [231991](#)

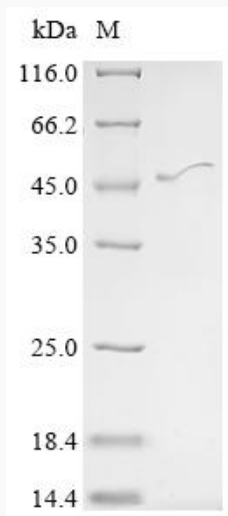
**mRNA Refseq** [NM\\_172728](#)

**Protein Refseq** [NP\\_766316](#)

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**SDS-PAGE**

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