

## 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**

```
MSMRPVPGSLSSLLHLHNRQRQPMPASMPGTLPNPTMPGSSAVLMPMERQMSVN
SSIMGMQGPNLSNPCASPVQPMHSEAKMRLKAALTHHPAAMSNGNMSTIGHMM
EMMGSRDQTPHHHLHSHPHQHQTLPHPHPYPHQHQPAPHHHPHPQPHHQQNHP
HHHSHSLHAHPAHHQTSPHPPLHTGNQAQVSPATQQMQPTQTIQPPQPTGGRR
RRVDEDPDERRRRKFLERNRAAATRCRQKRKVVMSLEKKAEELTQTNMQLQNEV
SMLKNEVAQLKQLLLTHKDCPITAMQKESQGYLSPESPASPVPACSQQQVIQHN
TITSSSVSEVVGSSTLSQLTTHRTDLNPIL
```

## 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](#)

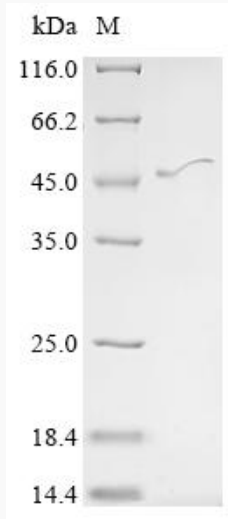
**Protein Refseq** [NP\\_766316](#)

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**SDS-PAGE**



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