

## Recombinant Mouse Hdac11 Protein, His-tagged

**Cat. No.** Hdac11-1620M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Hdac11 Protein (Met1-Pro347) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                 |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Met1-Pro347                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Predicted to enable histone deacetylase activity. Predicted to be involved in histone deacetylation and oligodendrocyte development. Predicted to be located in nucleus and plasma membrane. Predicted to be part of histone deacetylase complex. Orthologous to human HDAC11 (histone deacetylase 11). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 42.9 kDa<br>Accurate Molecular Mass: 43 kDa                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for                                                                                                                           |

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

Hdac11 histone deacetylase 11 [ Mus musculus (house mouse) ]

**Official Symbol**

Hdac11

**Synonyms**

HDAC11; histone deacetylase 11; HD11; MGC27683;

**Gene ID**

232232

**mRNA Refseq**

NM\_144919

**Protein Refseq**

NP\_659168

**UniProt ID**

Q91WA3

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