

# Active Recombinant Full Length Rat HDAC11 Protein, N-GST-tagged

Cat. No. HDAC11-36RFL    Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant full-length rat HDAC11 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.   |
| <b>Species</b>          | Rat  |
| <b>Source</b>           | Insect Cells   |
| <b>Description</b>      | Predicted to enable histone deacetylase activity. Involved in oligodendrocyte development. Located in nucleus. Orthologous to human HDAC11 (histone deacetylase 11). |
| <b>Form</b>             | 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mMDTT, 25% glycerol.  |
| <b>Bio-activity</b>     | 46 RLU/min/ng  |
| <b>Molecular Mass</b>   | Observed MW ~66 kDa.<br>Calculated MW ~65 kDa.   |
| <b>Purity</b>           | >90%   |
| <b>Stability</b>        | lyr at -70 centigrade from date of shipment.   |
| <b>Storage</b>          | Store product at -70 centigrade. For optimal storage, aliquot target in to smaller   |

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quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Concentration** 0.1 ug/ul

## GENE INFORMATION

**Gene Name** Hdac11 histone deacetylase 11 [ Rattus norvegicus (Norway rat) ]

**Official Symbol** HDAC11

**Synonyms** FLJ22237;HD11

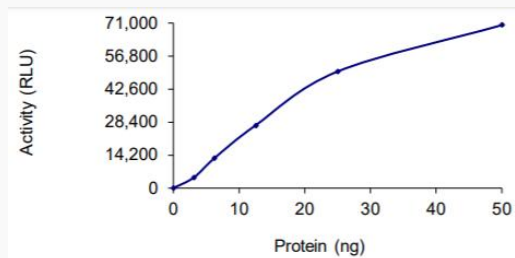
**Gene ID** 297453

**mRNA Refseq** NM\_001106610.2

**Protein Refseq** NP\_001100080.2

**UniProt ID** F7EU26

### Specific Activity



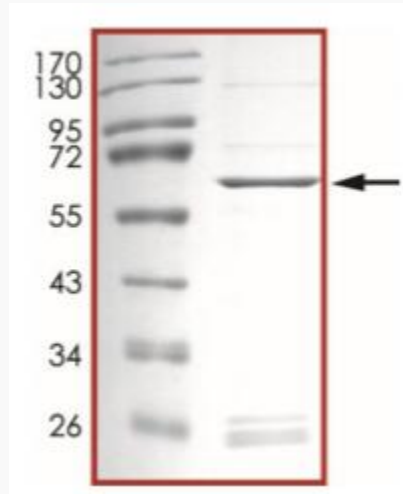
The specific activity of HDAC11 was determined to be 46RLU/min/ng as per activity assay protocol.

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**SDS-PAGE**



The purity of HDAC11 was determined to be >90% by densitometry.

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