

Active Recombinant Full Length Mouse HDAC11 Protein, N-GST-tagged

Cat. No. HDAC11-35MFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length mouse HDAC11 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Mouse
Source	Insect Cells
Description	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).
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 25% glycerol.
Bio-activity	55 RLU/min/ng
Molecular Mass	Observed MW ~66 kDa. Calculated MW ~65 kDa.
Purity	>85%
Stability	lyr at -70 centigrade from date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store product at -70 centigrade. For optimal storage, aliquot target in to smaller 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 [*Mus musculus* (house mouse)]

Official Symbol

HDAC11

Synonyms

FLJ22237;HD11

Gene ID

232232

mRNA Refseq

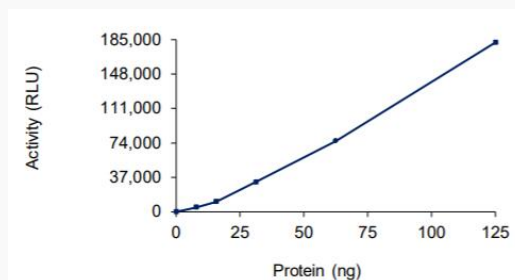
NM_144919.2

Protein Refseq

NP_659168.1

UniProt ID

Q91WA3

Specific Activity


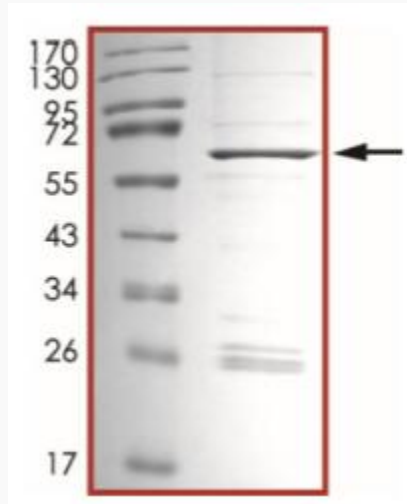
The specific activity of HDAC11 was determined to be 55RLU/min/ng

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SDS-PAGE



The purity of HDAC11 was determined to be >85% by densitometry.

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