

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

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

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

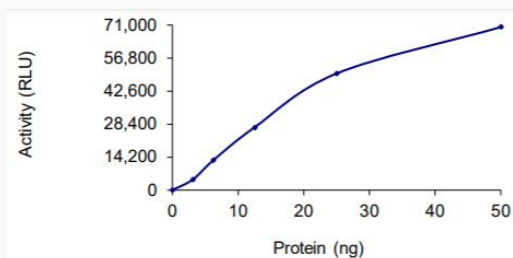
Gene ID 297453

mRNA Refseq NM_001106610.2

Protein Refseq NP_001100080.2

UniProt ID F7EU26

Specific Activity



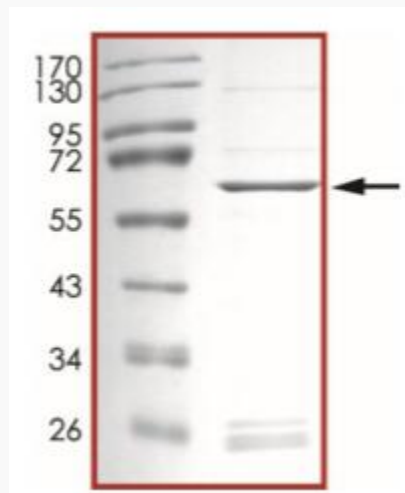
The specific activity of HDAC11 was determined to be 46RLU/min/ng as per activity assay protocol.

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SDS-PAGE



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

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