

Recombinant Mouse Histone Deacetylase 5, GST-tagged

Cat. No. Hdac5-1593M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Hdac5 (617-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	617-end a.a.
Description	Hdac5 or Histone deacetylase 5 belongs to the class II histone deacetylase/acuc/alpha family that possesses histone deacetylase activity and represses transcription when tethered to a promoter. Hdac5 plays a critical role in transcriptional regulation, cell cycle progression, and developmental events and also acts as a potential therapeutic target for the prevention of atherosclerosis.
Applications	HDAC Assay; Western Blot
Molecular Weight	80 kDa
Expression System	Sf9 insect cells using baculovirus
Form	Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25% glycerol.
Purity	>90%

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Concentration	0.1 ug/ul
Specific Activity	110 RLU/min/ng
Sequences	617-end
Storage	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	Hdac5 histone deacetylase 5 [Mus musculus]
Official Symbol	Hdac5
Synonyms	Hdac5; histone deacetylase 5; Hdac4; mHDA1; AI426555; mKIAA0600; histone deacetylase 5; HD5; OTTMUSP00000002428; OTTMUSP00000030249; OTTMUSP00000030251; histone deacetylase 4; histone deacetylase mHDA1
Gene ID	15184
mRNA Refseq	NM_001077696
Protein Refseq	NP_001071164
UniProt ID	Q6P9T4
Chromosome Location	11
Function	histone deacetylase activity; hydrolase activity; protein binding; protein kinase C

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binding; repressing transcription factor binding; transcription corepressor activity;
transcription factor binding

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