

Recombinant Mouse HDAC8 protein(Met1-Val377), His-tagged

Cat. No. Hdac8-1808M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse HDAC8 isoform 1 (Q8VH37-1) (Met 1-Val 377) was expressed in Insect Cells, with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	1-377 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse HDAC8 consists of 387 amino acids and has a calculated molecular mass of 43.1 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Hdac8 histone deacetylase 8 [Mus musculus]
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Official Symbol	HDAC8
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Synonyms	HDAC8; histone deacetylase 8; HD8; 2610007D20Rik;
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Gene ID	70315
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mRNA Refseq	NM_027382
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Protein Refseq	NP_081658
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