

Recombinant Full Length Mouse HDAC8 Protein, His-tagged

Cat. No. HDAC8-20MFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Hdac8 Protein, fused to His-tag, was expressed in Baculovirus.
Species	Mouse
Source	Insect cells
ProteinLength	1-377 aa
Description	Predicted to enable chromatin binding activity; heat shock protein binding activity; and histone deacetylase activity. Predicted to be involved in several processes, including histone deacetylation; negative regulation of macromolecule metabolic process; and regulation of chromosome organization. Predicted to be located in nucleoplasm and plasma membrane. Predicted to be part of histone deacetylase complex. Is expressed in several structures, including 2-cell stage embryo; brain; embryo ectoderm; foregut; and retina. Human ortholog(s) of this gene implicated in Cornelia de Lange syndrome 5 and Wilson-Turner syndrome. Orthologous to human HDAC8 (histone deacetylase 8).
Form	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	42.5 kDa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method).

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Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at 2 centigrade to 8 centigrade for 1 week. For long term storage, aliquot and store at -20 centigrade to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by absorbance at 280nm).

GENE INFORMATION

Gene Name	Hdac8 histone deacetylase 8 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Hdac8
Synonyms	Histone deacetylase 8 isoform 1, Hdac8, 2610007D20Rik, HD8, Protein deacetylase HDAC8, Protein decrotonylase HDAC8
Gene ID	70315
mRNA Refseq	NM_027382.4
Protein Refseq	NP_081658.1
UniProt ID	Q8VH37

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