

# Recombinant Full Length Mouse HDAC8 Protein, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Hdac8 Protein, fused to His-tag, was expressed in Baculovirus.
<b>Species</b>	Mouse
<b>Source</b>	Insect cells
<b>ProteinLength</b>	1-377 aa
<b>Description</b>	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).
<b>Form</b>	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	42.5 kDa
<b>Endotoxin</b>	< 1 EU per 1ug of protein (determined by LAL method).

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

<b>Purity</b>	> 90% by SDS-PAGE
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
<b>Storage</b>	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.
<b>Concentration</b>	0.25mg/ml (determined by absorbance at 280nm).

## GENE INFORMATION

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

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