

## Recombinant Human HDAC1 Protein, FLAG/His-tagged

Cat. No. HDAC1-91H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human HDAC1 protein, fused with C-terminal FLAG/His tag, was expressed in insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-482
<b>Form</b>	50 mM Tris-HCl pH 7.5, 500 mM NaCl, 10% glycerol (w/v)
<b>Molecular Mass</b>	57.2 kDa
<b>Purity</b>	>70% by SDS-PAGE
<b>Storage</b>	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

### GENE INFORMATION

<b>Gene Name</b>	HDAC1 histone deacetylase 1 [ Homo sapiens ]
<b>Official Symbol</b>	HDAC1
<b>Synonyms</b>	HDAC1; histone deacetylase 1; RPD3L1; GON 10; HD1; reduced potassium

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	dependency, yeast homolog-like 1; RPD3; GON-10; DKFZp686H12203;
<b>Gene ID</b>	<a href="#">3065</a>
<b>mRNA Refseq</b>	<a href="#">NM_004964</a>
<b>Protein Refseq</b>	<a href="#">NP_004955</a>
<b>MIM</b>	<a href="#">601241</a>
<b>UniProt ID</b>	<a href="#">Q13547</a>
<b>Chromosome Location</b>	1p34
<b>Pathway</b>	Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Ce
<b>Function</b>	NAD-dependent histone deacetylase activity (H3-K14 specific); NAD-dependent histone deacetylase activity (H3-K9 specific); NAD-dependent histone deacetylase activity (H4-K16 specific); RNA polymerase II transcription corepressor activity; activating trans

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