

# Active Recombinant Human Histone Deacetylase 11, His-tagged

**Cat. No.** HDAC11-402H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Full Length Human HDAC11– Class IV (IIb), 46kD with his tag.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	Histone deacetylase 11, also known as HDAC11, is a human gene. Histone deacetylases, such as HDAC11, control DNA expression by modifying the core histone octamers that package DNA into dense chromatin structures and repress gene expression.
<b>Purity</b>	Purified, active enzyme.
<b>Purification Procedure</b>	Ni <sup>2+</sup> Affinity Column
<b>Activity</b>	1000 units per vial. 1 unit is defined as the amount of enzyme that will convert 1 picomole per minute per ug of protein at pH8 at 30°C.
<b>Stability/Shelf-life</b>	>6 months from date of shipment
<b>Buffer Composition</b>	25mM Tris pH8, 120mM NaCl, 0.05% Tween-20 & 40% Glycerol
<b>Storage</b>	–80°C

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**Full Length** Full L.

## GENE INFORMATION

<b>Gene Name</b>	HDAC11 histone deacetylase 11 [ Homo sapiens ]
<b>Synonyms</b>	HDAC11; histone deacetylase 11; FLJ22237; EC 3.5.1.98; HD11.
<b>Gene ID</b>	79885
<b>mRNA Refseq</b>	NM_024827
<b>Protein Refseq</b>	NP_079103
<b>MIM</b>	607226
<b>UniProt ID</b>	Q96DB2
<b>Chromosome Location</b>	3p25.1
<b>Pathway</b>	Gene Expression
<b>Function</b>	histone deacetylase activity; hydrolase activity; transcription factor binding

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