

Active Recombinant Human Histone Deacetylase 10, His-tagged

Cat. No. HDAC10-401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full Length Human HDAC10 – Class IIb, 79kD with his tag.
Species	Human
Source	Insect Cells
Description	Histone deacetylase 10, also known as HDAC10, is a human gene. Acetylation of histone core particles modulates chromatin structure and gene expression. The opposing enzymatic activities of histone acetyltransferases and histone deacetylases, such as HDAC10, determine the acetylation status of histone tails.
Purity	Purified, active enzyme.
Purification Procedure	Ni ²⁺ Affinity Column
Activity	1000 units per vial. 1 unit is defined as the amount of enzyme that will convert 1picomole per minute per ug of protein at pH8 at 30°C.
Stability/Shelf-life	>6 months from date of shipment
Buffer Composition	25mM Tris pH8, 120mM NaCl, 0.05% Tween-20 & 40% Glycerol
Storage	–80°C

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Full Length Full L.

GENE INFORMATION

Gene Name	HDAC10 histone deacetylase 10 [Homo sapiens]
Synonyms	HDAC10; DKFZP761B039; MGC149722; histone deacetylase 10; OTTHUMP00000028555; EC 3.5.1.98; HD10.
Gene ID	83933
mRNA Refseq	NM_032019
Protein Refseq	NP_114408
MIM	608544
UniProt ID	Q969S8
Chromosome Location	22q13.31
Function	histone deacetylase activity; histone deacetylase binding; hydrolase activity; specific transcriptional repressor activity; zinc ion binding

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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