

Active Recombinant Human Histone Deacetylase 6, GST-tagged

Cat. No. HDAC6-397H Lot. No. (See product label)

SPECIFICATION

Product Overview	Full Length Human HDAC6–Class IIb, 160kD with GST tag.
Species	Human
Source	Insect Cells
Description	<p>Histone deacetylase 6, also known as HDAC6, is a human gene. Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription.</p>
Purity	Purified, active enzyme.
Purification Procedure	Glutathione Column
Activity	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.
Stability/Shelf-life	>6 months from date of shipment

 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

Buffer Composition	25mM Tris pH8, 120mM NaCl, 0.05% Tween-20 & 40% Glycerol.
Storage	-80°C
Full Length	Full L.
GENE INFORMATION	
Gene Name	HDAC6 histone deacetylase 6 [Homo sapiens]
Synonyms	HDAC6; FLJ16239; HD6; JM21; histone deacetylase 6; OTTHUMP00000032398; EC 3.5.1.98; KIAA0901.
Gene ID	10013
mRNA Refseq	NM_006044
Protein Refseq	NP_006035
MIM	300272
UniProt ID	Q9UBN7
Chromosome Location	Xp11.23
Pathway	Gene Expression
Function	actin binding; histone deacetylase activity; histone deacetylase binding; hydrolase activity; metal ion binding; specific transcriptional repressor activity; tubulin deacetylase 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