

Recombinant Human HDAC6 Protein, GST-tagged

Cat. No. HDAC6-4648H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HDAC6 partial ORF (NP_006035, 1128 a.a. - 1215 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. [provided by RefSeq]
Molecular Mass	35.42 kDa
AA Sequence	DVTQPCGDCGTIQENWVCLSCYQVYCGRYINGHMLQHHGNSGHPLVLSYIDLSAW CYYCQAYVHHQALLDVKNIAHQNKFGEDMPHPH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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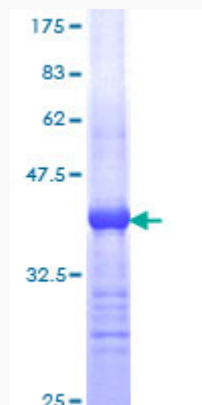
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HDAC6 histone deacetylase 6 [Homo sapiens]
Official Symbol	HDAC6
Synonyms	HDAC6; histone deacetylase 6; FLJ16239; HD6; JM21; KIAA0901;
Gene ID	10013
mRNA Refseq	NM_006044
Protein Refseq	NP_006035
MIM	300272
UniProt ID	Q9UBN7

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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