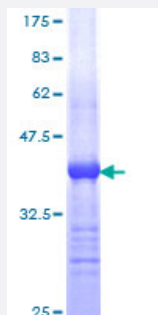


# HDAC6 (Human) Recombinant Protein (Q01)

Catalog # H00010013-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HDAC6 partial ORF ( NP_006035, 1128 a.a. - 1215 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	DVTQPCGDCGTIQENWVCLSCYQVYCGRYINGHMLQHHGNSGHPLVLSYDLSAWCYQCAYVH HQALLDVKNIAHQNKFGEDMPHPH
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.42
<b>Interspecies Antigen Sequence</b>	Mouse (75); Rat (73)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HDAC6

Entrez GeneID [10013](#)

GeneBank Accession# [NM\\_006044](#)

Protein Accession# [NP\\_006035](#)

Gene Name HDAC6

Gene Alias FLJ16239, HD6, JM21

Gene Description histone deacetylase 6

Omim ID [300272](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

Other Designations OTTHUMP00000032398

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Parkinson disease](#)