

Histone deacetylase 6 (HDAC6), partial Recombinant Protein | HDAC6 recombinant protein

Recombinant Human Histone deacetylase 6 (HDAC6), partial

CATALOG # AAA117099	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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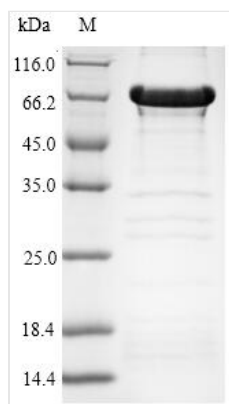
PRODUCT SYNONYMS

Histone deacetylase 6 (HDAC6); partial; Recombinant Human Histone deacetylase 6 (HDAC6); Histone deacetylase 6; HD6; EC=3.5.1.98; HDAC6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-488aa; Partial
Sequence	MTSTGQDSTT TRQRRSRQNP QSPPDSSVT SKRNIKKGAV PRSIPNLAEV KKKGKMKKLG QAMEEDLIVG LQGMDLNLEA EALAGTGLVL DEQLNEFHCL WDDSFPEGPE RLHAIKEQLI QEGLLDRCVS FQARFAEKEE LMLVHSLEYI DLMETTQYMN EGELRVLADT YDSVYLHPNS YSCACLASGS VLRLVDAVLG AEIRNGMAII RPPGHHAQHS LMDGYCMFNH VAVAARYAQQ KHRIRRVLIV DWDVHHGQGT QFTFDQDPSV LYFSIHRYEQ GRFWPHLKAS NWSTTGFGQG QGYTINVPWN QVGMRDADYI AAFLHVLLPV ALEFQPQLVL VAAGFDALQG DPKGEMAATP AGFAQLTHLL MGLAGGKLIL SLEGGYNLRA LAEGVSASLH TLLGDPCPML ESPGAPCRSA QASVSCALEA LEPFWEVLVR STETVERDNM EEDNVEESEE EGPWEPPVLP ILTWPVLQSR TGLVYDQN
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HDAC6 recombinant protein	Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin. Involved in the MTA1-mediated epigenetic regulation of ESR1 expression in breast cancer.By similarity3 Publications In addition to its protein deacetylase activity, plays a key role in the degradation of misfolded proteins: when misfolded proteins are too abundant to be degraded by the chaperone refolding system and the ubiquitin-proteasome, mediates the transport of misfolded proteins to a cytoplasmic juxtanuclear structure called aggresome. Probably acts as an adapter that recognizes polyubiquitinated misfolded proteins and target them to the aggresome, facilitating their clearance by autophagy.
Product Categories/Family for HDAC6 recombinant protein	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128864
NCBI GeneID	10013
NCBI Accession #	NP_006035.2
NCBI GenBank Nucleotide #	NM_006044.2
UniProt Accession #	Q9UBN7; O94975; Q6NT75; Q7L3E5; Q96CY0
Molecular Weight	70.1 kDa
NCBI Official Full Name	histone deacetylase 6
NCBI Official Synonym Full Names	histone deacetylase 6
NCBI Official Symbol	HDAC6
NCBI Official Synonym Symbols	HD6; JM21; CPBHM; PPP1R90
NCBI Protein Information	histone deacetylase 6; protein phosphatase 1, regulatory subunit 90
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	KIAA0901; HD6
UniProt Entry Name	HDAC6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.