

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

Recombinant Human Histone deacetylase 6 (HDAC6), partial

CATALOG # AAA26996	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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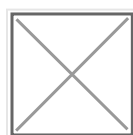
PRODUCT SYNONYMS

Histone deacetylase 6 (HDAC6); Recombinant Human Histone deacetylase 6 (HDAC6); partial; 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	489-840aa; Partial
Sequence	MMNHCNLWDS HHPEVPQRIL RIMCRLEELG LAGRCLTLP RPATEAELLT CHSAEYVGHL RATEKMKTRE LHRESSNFDS IYICPSTFAC AQLATGAACR LVEAVLSGEV LNGAAVVRPP GHHAEQDAAC GFCFFNSVAV AARHAQTISG HALRILVDW DVHHGNGTQH MFEDDPSVLY VSLHRYDHGT FFPMGDEGAS SQIGRAAGTG FTVNVAWNGP RMGDADYLAA WHRLVLPY EFNPELVLS AGFDAARGDP LGGCQVSPEG YAHLTHLLMG LASGRILIL EGGYNLTSIS ESMAACTRSL LGDPPPLTL PRPLSGALA SITETIQVHR RYWRSLRVMK VE
Species	Homo sapiens (Human)
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

References	"Prediction of the coding sequences of unidentified human genes. XII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro."Nagase T., Ishikawa K., Suyama M., Kikuno R., Hirose M., Miyajima N., Tanaka A., Kotani H., Nomura N., Ohara O.DNA Res. 5:355-364(1998)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1007392134
NCBI GeneID	10013
NCBI Accession #	NP_001308155.1
NCBI GenBank Nucleotide #	NM_001321226.1
UniProt Accession #	Q9UBN7; O94975; Q6NT75; Q7L3E5; Q96CY0
Molecular Weight	42.4 kDa
NCBI Official Full Name	histone deacetylase 6 isoform b
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
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	HDAC6
UniProt Synonym Gene Names	KIAA0901; HD6

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hdac6-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/26996>