

Histone deacetylase 7 Recombinant Protein | HDAC7 recombinant protein

Recombinant Human Histone deacetylase 7

CATALOG #
AAA116202

HOST
E Coli

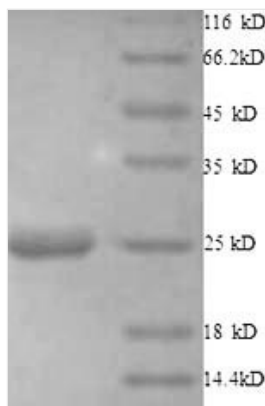
PRODUCT SYNONYMS

Histone deacetylase 7; Recombinant Human Histone deacetylase 7; Histone deacetylase 7A; HD7a; HDAC7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	4-203. Partial
Sequence	PGADGTQVSP GAHYCSPTGA GCPRPCADTP GPQPQMDLR VGQRPPVEPP PEPTLLALQR PQRLHHHLFL AGLQQQRSVE PMRLSMDTPM PELQVGPQEQ ELRQLLHKDK SKRSVASSV VKQKLAEVIL KKQQAALERT VHPNSPGIPY RTLEPLETEG ATRSMLSSFL PPVPSLPSPD PEHFPLRKTV SEPNLKLRYK
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HDAC7 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. Involved in muscle maturation by repressing transcription of myocyte enhancer factors such as MEF2A, MEF2B and MEF2C. During muscle differentiation, it shuttles into the cytoplasm, allowing the expression of myocyte enhancer factors. May be involved in Epstein-Barr virus (EBV) latency, possibly by repressing the viral BZLF1 gene. Positively regulates the transcriptional repressor activity of FOXP3.

Product Categories/Family for HDAC7 recombinant protein

[Transcription](#)

References	A novel class II HDAC is associated with the transcriptional homeodomain repressor CCAAT displacement protein.Li S., Fischle W., Verdin E., Walsh M.J. Genomic organization of the human histone deacetylase 7 gene.Petrie K., Zelent A.Homo sapiens histone deacetylase 7A (HDAC7A)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148539870
NCBI GeneID	51564
NCBI Accession #	NP_001091886.1
NCBI GenBank Nucleotide #	NM_001098416.3
UniProt Accession #	Q8WUI4; Q6P1W9; Q6W9G7; Q7Z4K2; Q7Z5I1; Q96K01; Q9BR73; Q9H7L0; Q9NW41; B3KY08; B4DWI0; B4E0Q5
Molecular Weight	26 kDa
NCBI Official Full Name	histone deacetylase 7 isoform d
NCBI Official Synonym Full Names	histone deacetylase 7
NCBI Official Symbol	HDAC7
NCBI Official Synonym Symbols	HD7; HD7A; HDAC7A
NCBI Protein Information	histone deacetylase 7
UniProt Protein Name	Histone deacetylase 7
UniProt Gene Name	HDAC7
UniProt Synonym Gene Names	HDAC7A; HD7; HD7a
UniProt Entry Name	HDAC7_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.