Histone Deacetylase 10 (HDAC10) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histone deacetylase 10 (Hdac10), Recombinant Protein
Full Product Name	Recombinant Rat Histone deacetylase 10 (Hdac10)
Product Gene Name	Hdac10 recombinant protein
Product Synonym Gene Name	Hdac10
Sequence	MGTALVYHED MTATRLLWDD PECEIECPER LTAALDGLRQ RGLEERCQCL SVCEASEEEL GLVHSPEYIA LVQKTQTLDK EELHTLSKQY DAVYFHPDTF HCARLAAGAA LRLVDAVLTG AVHNGVALVR PPGHHSQRAA ANGFCVFNNV AIAARHAKQK YGLQRILIVD WDVHHGQGIQ YIFEDDPSVL YFSWHRYEHG NFWPFLPESD ADTVGRGRGQ GFTVNLPWNQ VGMGNADYLA AFLHVLLPLA FEFDPELVLV SAGFDSAIGD PEGQMQATPE CFAHLTQLLQ VLAGGRICAV LECPGVYPEC SDSPDPSLDK PPTNSTCTVA EDSLSPCLDR PCHRPTPPIC IAVALAVSGA ALDLPPGVLH QEGSALREET EAWARLHKSQ FQDDDLAALG KSLCLLDGIL DGQIRSAIAT TTALATAATL GVLIQRCVAH RGQRRILWLS IRGKEADIWS MFHFSTPLPQ TTGGFLSFIL GLVLPLAYGF QPDMVLMALG PAHGLQNAQA ALLAAMLRSP VGGRILALVE EESILQLART LAQVLHGETP PSLGPFSMAS PEEIQALMFL KAQLEPRWKL LQVAAPPP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	63,957 Da
Sequence Positions	1-588, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q569C4
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Hdac10 recombinant protein	MBS1340330 is a recombinant protein targeting Hdac10. Also known as Recombinant Rat Histone deacetylase 10 (Hdac10). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Hdac10 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Hdac10. It may not necessarily be applicable to this product.

NCBI GI #	211065499
NCBI GeneID	362981

NCBI Accession #	NP_001030172.1
UniProt Primary Accession #	Q569C4
UniProt Related Accession #	Q569C4
GenBank Nucleotide #	NM_001035000.1
NCBI Official Full Name	histone deacetylase 10
NCBI Official Synonym Full Names	histone deacetylase 10
NCBI Official Symbol	Hdac10
UniProt Protein Name	Histone deacetylase 10
Protein Family	Histone deacetylase
UniProt Gene Name	Hdac10
UniProt Synonym Gene Names	HD10
NCBI Protein Information	histone deacetylase 10
UniProt Comments for Hdac10	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 ().
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