Histone Deacetylase 3 (hdac3) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histone deacetylase 3 (hdac3), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Histone deacetylase 3 (hdac3)
Product Gene Name	hdac3 recombinant protein
Product Synonym Gene Name	hdac3
Sequence	MAKTVAYFYD PDVGNFHYGT GHPMKPHRLS LTHSLVLHYG LYKKMIVFKP YQASQHDMCR FHSEDYIDFL QRVSPNNMQG FTKSLNAFNV GDDCPVFPGL FEFCSRYTGA SLQGATLLNN KNCDIAINWA GGLHHAKKFE ASGFCYVNDI VIGILELLKY HPRVLYIDID IHHGDGVQEA FYLTDRVMTV SFHKYGNYFF PGTGDMYEVG AESGRYYCLN VPLRDGIDDQ SYRHLFQPVI KQVIDFYQPT CIVLQCGADS LGCDRLGCFN LSIRGHGECV QYVKSFNIPL LVLGGGGYTV RNVARCWTYE TSLLVDETIS EELPYSEYFE YFAPDFTLHP DVSTRIENQN SRQYLDQIRQ TVFESLKMLN HAPSVQIHDV PSDILNYERT DEPDPEERGG EDNYSRPEAS NEFYDGDHDN DKESDVEI
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	48,954 Da
Sequence Positions	1-428, 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 Q6IRL9
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hdac3 recombinant protein	MBS1310662 is a recombinant protein targeting hdac3. Also known as Recombinant Xenopus laevis Histone deacetylase 3 (hdac3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hdac3 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 hdac3. It may not necessarily be applicable to this product.

NCBI GI #	1069344411
NCBI GeneID	432017
NCBI Accession #	XP_018111723.1
UniProt Primary Accession #	Q6IRL9

UniProt Related Accession #	Q6IRL9
GenBank Nucleotide #	XM_018256234.1
NCBI Official Full Name	histone deacetylase 3
NCBI Official Synonym Full Names	histone deacetylase 3 S homeolog
NCBI Official Symbol	hdac3.S
NCBI Official Synonym Symbols	HD3; HDm; HDAC; Rpd3; XRpd3; hdac3
UniProt Protein Name	Histone deacetylase 3
Protein Family	Histone deacetylase
UniProt Gene Name	hdac3
UniProt Synonym Gene Names	HD3
NCBI Protein Information	histone deacetylase 3
UniProt Comments for hdac3	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. Required to repress transcription of the POU1F1 transcription factor ().
Research Articles on hdac3	**1.** Class I histone deacetylases regulate primitive hematopoiesis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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