Histone Deacetylase 9 (hdac9) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histone deacetylase 9 (hdac9), Recombinant Protein
Full Product Name	Recombinant Chicken Histone deacetylase 9 (hdac9), partial
Product Gene Name	hdac9 recombinant protein
Product Synonym Gene Name	hdac9
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	66,214 Da
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 Q5ZKH6
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hdac9 recombinant protein	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation deacetylation alters chromosome structure and affects transcription factor access to DNA. This protein has sequence homology to members of the histone deacetylase family. This gene is orthologous to the Xenopus and mouse MITR genes. The MITR protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined.
Other Notes	Small volumes of hdac9 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.
Searchable Terms for hdac9 purchase	MBS1437859 is a recombinant protein targeting hdac9. Also known as Recombinant Chicken Histone deacetylase 9 (hdac9), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for hdac9. It may not necessarily be applicable to this product.

NCBI GI #	82082143
NCBI Accession #	Q5ZKH6.1
UniProt Primary Accession #	Q5ZKH6
NCBI Official Full Name	Histone deacetylase 9

UniProt Protein Name	Histone deacetylase 9
UniProt Gene Name	hdac9
UniProt Comments for hdac9	Devoided of intrinsic deacetylase activity, promotes the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4) by recruiting other histone deacetylases. Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Represses MEF2-dependent transcription ().
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