Jmjc Domain-Containing Histone Demethylation Protein 1 (Jhd1), Partial (jhd1) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	JmjC domain-containing histone demethylation protein 1 (jhd1), partial, Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata JmjC domain-containing histone demethylation protein 1 (jhd1), partial
Product Gene Name	jhd1 recombinant protein
Product Synonym Gene Name	jhd1; AFUA_2G05970
Product Synonym Names	JmjC domain-containing histone demethylation protein 1; EC=1.14.11.27; [Histone-H3]-lysine-36 demethylase 1
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	157,353 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 Q4WHB7
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for jhd1 recombinant protein	MBS1409878 is a recombinant protein targeting jhd1. Also known as Recombinant Neosartorya fumigata JmjC domain-containing histone demethylation protein 1 (jhd1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of jhd1 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 jhd1. It may not necessarily be applicable to this product.

NCBI GI #	70989753
NCBI GeneID	3506876
NCBI Accession #	XP_749726.1
UniProt Primary Accession #	Q4WHB7
UniProt Related Accession #	Q4WHB7
GenBank Nucleotide #	XM_744633.1
NCBI Official Full Name	PHD finger and JmjC domain protein

NCBI Official Symbol	AFUA_2G05970
UniProt Protein Name	JmjC domain-containing histone demethylation protein 1
UniProt Synonym Protein Names	[Histone-H3]-lysine-36 demethylase 1
Protein Family	Putative JmjC domain-containing histone demethylation protein
UniProt Gene Name	jhd1
UniProt Entry Name	JHD1_ASPFU
NCBI Protein Information	PHD finger and JmjC domain protein
UniProt Comments for jhd1	Histone demethylase that specifically demethylates 'Lys-36' of histone H3, thereby playing a central role in histone code.
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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