Lysine-Specific Demethylase 7a (jhdm1da) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lysine-specific demethylase 7A (jhdm1da), Recombinant Protein
Full Product Name	Recombinant Danio rerio Lysine-specific demethylase 7A (jhdm1da), partial
Product Gene Name	jhdm1da recombinant protein
Product Synonym Gene Name	jhdm1da
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	98,827 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 Q5RHD1
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for jhdm1da recombinant protein	MBS1437218 is a recombinant protein targeting jhdm1da. Also known as Recombinant Danio rerio Lysine-specific demethylase 7A (jhdm1da), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of jhdm1da 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 jhdm1da. It may not necessarily be applicable to this product.

NCBI GI #	296439738
NCBI Accession #	Q5RHD1.2
UniProt Primary Accession #	Q5RHD1
UniProt Secondary Accession #	A5PL83
NCBI Official Full Name	Lysine-specific demethylase 7A
UniProt Protein Name	Lysine-specific demethylase 7A
UniProt Synonym Protein Names	JmjC domain-containing histone demethylation protein 1D-A
UniProt Gene Name	kdm7a

UniProt Synonym Gene Names	jhdm1da; kdm7; DrKDM7a
UniProt Comments for jhdm1da	Histone demethylase required for brain development. Specifically demethylates dimethylated 'Lys-9' and 'Lys-27' (H3K9me2 and H3K27me2, respectively) of histone H3 and monomethylated histone H4 'Lys-20' residue (H4K20Me1), thereby playing a central role in histone code ().
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