Histone Acetyltransferase Type B Catalytic Subunit (hat1) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histone acetyltransferase type B catalytic subunit (hat1), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Histone acetyltransferase type B catalytic subunit (hat1), partial
Product Gene Name	hat1 recombinant protein
Product Synonym Gene Name	hat1
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	58,620 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 Q2UEX1
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hat1 recombinant protein	MBS1351756 is a recombinant protein targeting hat1. Also known as Recombinant Aspergillus oryzae Histone acetyltransferase type B catalytic subunit (hat1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hat1 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 hat1. It may not necessarily be applicable to this product.

NCBI GI #	169774857
NCBI GeneID	5993924
NCBI Accession #	XP_001821896.1
UniProt Primary Accession #	Q2UEX1
UniProt Related Accession #	Q2UEX1
GenBank Nucleotide #	XM_001821844.1
NCBI Official Full Name	unnamed protein product
NCBI Official Symbol	AO090026000444

UniProt Protein Name	Histone acetyltransferase type B catalytic subunit
Protein Family	Histone acetyltransferase
UniProt Gene Name	hat1
NCBI Protein Information	hypothetical protein
UniProt Comments for hat1	Catalytic component of the histone acetylase B (HAT-B) complex. Acetylates 'Lys-12' of histone H4 which is required for telomeric silencing. Has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG. Involved in DNA double-strand break repair.
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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