Histone H2a.2 (HTA2) Meyerozyma Guilliermondii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Histone H2A.2 (HTA2), Recombinant Protein
Full Product Name	Recombinant Meyerozyma guilliermondii Histone H2A.2 (HTA2)
Product Gene Name	HTA2 recombinant protein
Product Synonym Gene Name	HTA2; PGUG_03443
Product Synonym Names	Histone H2A.2
Sequence	SGKGKSAGA DKASTSRSAK AGLTFPVGRI HRLLRKGNYA QRVGSGAPVY LTSVLEYLTA EILELAGNAA RDNKKSRIIP RHLQLAIRND EELNKLLGDV TIAQGGVLPN IHQNLLPKKS GKGDKASQEL
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	13,897 Da
Sequence Positions	2-130aa; 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 A5DJJ2
Species	Meyerozyma guilliermondii (strain 6260 / CBS 566 / DSM 6381 / JCM 1539 / NBRC 10279 / NRRL Y-324) (Yeast) (Candida guilliermondii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HTA2 recombinant protein	MBS1225989 is a recombinant protein targeting HTA2. Also known as Recombinant Meyerozyma guilliermondii Histone H2A.2 (HTA2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HTA2 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 HTA2. It may not necessarily be applicable to this product.

NCBI GI #	146416185
NCBI GeneID	5126026
NCBI Accession #	XP_001484062.1
UniProt Primary Accession #	A5DJJ2
UniProt Related Accession #	A5DJJ2

GenBank Nucleotide #	XM_001484012.1
NCBI Official Full Name	histone H2A.2
NCBI Official Symbol	PGUG_03443
UniProt Protein Name	Histone H2A.2
Protein Family	Histone
UniProt Gene Name	HTA2
UniProt Synonym Gene Names	PGUG_03443
UniProt Entry Name	H2A2_PICGU
NCBI Protein Information	histone H2A.2
UniProt Comments for HTA2	Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/histone-h2a-2-hta2/1225989