Polycomb Complex Protein BMI-1-A (bmi1a) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Polycomb complex protein BMI-1-A (bmi1a), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Polycomb complex protein BMI-1-A (bmi1a)
Product Gene Name	bmi1a recombinant protein
Product Synonym Gene Name	bmi1a
Sequence	MHRTTRIKIT ELNPHLMCVL CGGYFIDATT IIECLHSFCK TCIVRYLETS KYCPICDVQV HKTRPLLNIR ADKTLQDIVY KLVPGLFKGE MKRRRDFYAA HPSADVANGS NEDRGEVADE DKRIITDDEI ISLSIEFFDQ NKADRKGSKD KDKEKSKDEI NDKRYLRCPA ALTIMHLRKF LRSKMDIPSN FQIDVMYEEE ALKDYYTLMD IAYIYTWRRN GPLPLKYRVR PTCKRVKINP HTDRINHTSG DMESDSGSDK AGSLGVVIPS TSSCIPSPPV QSPHPHFPHI SSTINGTSSS SSSHQNPFTN RARKISLNGV SAISSG
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	36,945 Da
Sequence Positions	1-326, 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 Q91648
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for bmi1a recombinant protein	MBS1469631 is a recombinant protein targeting bmi1a. Also known as Recombinant Xenopus laevis Polycomb complex protein BMI-1-A (bmi1a). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of bmi1a 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 bmi1a. It may not necessarily be applicable to this product.

NCBI GI #	148226666
NCBI GeneID	398052
NCBI Accession #	NP_001081790.1
UniProt Primary Accession #	Q91648
UniProt Secondary Accession #	Q6GQ56

UniProt Related Accession #	Q91648
GenBank Nucleotide #	NM_001088321.1
NCBI Official Full Name	polycomb complex protein BMI-1-A
NCBI Official Synonym Full Names	BMI1 proto-oncogene, polycomb ring finger S homeolog
NCBI Official Symbol	bmi1.S
NCBI Official Synonym Symbols	bmi1; bmi-1; bmi1a; pcgf4; rnf51; bmi1-a; bmi1-b; xbmi-1
UniProt Protein Name	Polycomb complex protein BMI-1-A
UniProt Synonym Protein Names	Polycomb group RING finger protein 4-A
Protein Family	Polycomb complex protein
UniProt Gene Name	bmi1a
UniProt Synonym Gene Names	pcgf4; xbmi-1
NCBI Protein Information	polycomb complex protein BMI-1-A
UniProt Comments for bmi1a	Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. In the PRC1 complex, it is required to stimulate the E3 ubiquitin-protein ligase activity of rnf2 ().
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/polycomb-complex-protein-bmi-1-a-bmi1a/1469631