Protein BOB1 (BOI1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein BOB1 (BOI1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Protein BOB1 (BOI1) , partial
Product Gene Name	BOI1 recombinant protein
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	109,295 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 P38041
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BOI1 recombinant protein	MBS1099903 is a recombinant protein targeting BOI1. Also known as Recombinant Saccharomyces cerevisiae Protein BOB1 (BOI1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BOI1 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 BOI1. It may not necessarily be applicable to this product.

NCBI GI #	6319386
NCBI GeneID	852193
NCBI Accession #	NP_009468.1
UniProt Primary Accession #	P38041
UniProt Secondary Accession #	D6VPR9
UniProt Related Accession #	P38041
GenBank Nucleotide #	NM_001178325.1
NCBI Official Full Name	Boi1p
NCBI Official Symbol	BOI1
NCBI Official Synonym Symbols	BOB1; GIN7

UniProt Protein Name	Protein BOB1
UniProt Synonym Protein Names	BEM1-binding protein; Growth inhibitory protein 7
Protein Family	Protein
UniProt Gene Name	BOI1
UniProt Synonym Gene Names	BOB1; GIN7
NCBI Protein Information	Boi1p
UniProt Comments for BOI1	Binds to the BEM1 protein.Miscellaneous: Present with 1040 molecules/cell in log phase SD medium.
Research Articles on BOI1	**1.** evidence that the Rpd3/Sin3/Ume6 histone deacetylase complex, which represses meiotic genes during mitosis, also prevents the induction of BOI1's 5'-extended isoform in mitosis by direct binding of Ume6 to its URS1 target
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