Zona Pellucida-Binding Protein 2 (ZPBP2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zona pellucida-binding protein 2 (ZPBP2), Recombinant Protein
Full Product Name	Recombinant Human Zona pellucida-binding protein 2 (ZPBP2)
Product Gene Name	ZPBP2 recombinant protein
Product Synonym Gene Name	ZPBP2
Sequence	PRFTLFNKKG FIYGKTGQPD KIYVELHQNS PVLICMDFKL SKKEIVDPTY LWIGPNEKTL TGNNRINITE TGQLMVKDFL EPLSGLYTCT LSYKTVKAET QEEKTVKKRY DFMVFAYREP DYSYQMAVRF TTRSCIGRYN DVFFRVLKKI LDSLISDLSC HVIEPSYKCH SVEIPEHGLI HELFIAFQVN PFAPGWKGAC NGSVDCEDTT NHNILQARDR IEDFFRSQAY IFYHNFNKTL PAMHFVDHSL QVVRLDSCRP GFGKNERLHS NCASCCVVCS PATFSPDVNV TCQTCVSVLT YGAKSCPQTS NKNQQYED
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	36,140 Da
Sequence Positions	21-338, 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.
OMIM	608499
3D Structure	ModBase 3D Structure for Q6X784
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZPBP2 recombinant protein	MBS1323368 is a recombinant protein targeting ZPBP2. Also known as Recombinant Human Zona pellucida-binding protein 2 (ZPBP2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ZPBP2 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 ZPBP2. It may not necessarily be applicable to this product.

NCBI GI #	84875535
NCBI GeneID	124626
NCBI Accession #	NP_942141.2
UniProt Primary Accession #	Q6X784

UniProt Secondary Accession #	Q6X783; Q86XL5; A8K8L8
UniProt Related Accession #	Q6X784
GenBank Nucleotide #	NM_198844.2
NCBI Official Full Name	zona pellucida-binding protein 2 isoform 1
NCBI Official Synonym Full Names	zona pellucida binding protein 2
NCBI Official Symbol	ZPBP2
NCBI Official Synonym Symbols	ZPBPL
UniProt Protein Name	Zona pellucida-binding protein 2
UniProt Synonym Protein Names	ZPBP-like protein
Protein Family	Zona pellucida-binding protein
UniProt Gene Name	ZPBP2
UniProt Synonym Gene Names	ZPBPL
NCBI Protein Information	zona pellucida-binding protein 2
UniProt Comments for ZPBP2	Is implicated in sperm-oocyte interaction during fertilization.
Research Articles on ZPBP2	**1.** modest changes (8-13%) in promoter methylation levels of ZPBP2 and GSDMA may cause substantial changes in RNA levels and allelic expression of ZPBP2 and ORMDL3 is mediated by DNA methylation
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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