Amyloid Protein-Binding Protein 2 (APPBP2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Amyloid protein-binding protein 2 (Appbp2), Recombinant Protein
Full Product Name	Recombinant Mouse Amyloid protein-binding protein 2 (Appbp2)
Product Gene Name	Appbp2 recombinant protein
Product Synonym Gene Name	Appbp2
Sequence	MAAVELEWIP ETLYNTAISA VVDNYIRSRR DIRSLPENIQ FDVYYKLYQQ GRLCQLGSEF CELEVFAKVL RALDKRHLLH HCFQALMDHG VKVASVLAYS FSRRCSYIAE SDAAVKEKAI QVGFVLGGFL SDAGWYSDAE KVFLSCLQLC TLHDEMLHWF RAVECCVRLL HVRNGNCKYH LGEETFKLAQ TYMDKLSKHG QQANRAALYG ELCALLFAKS HYDEAYKWCV EAMKEITAGL PVKVVVDVLR QASKACVVKR EFKKAEQLIK HAVYLARDHF GSKHPKYSDT LLDYGFYLLN VDNICQSVAI YQAALDIRQS VFGGKNIHVA TAHEDLAYSS YVHQYSSGKF DNALFHAERA IGIITHILPE DHLLLASSKR VKALILEEIA IDCHNKETEQ RLLQEAHDLH LSSLQLAKKA FGEFNVQTAK HYGNLGRLYQ SMRKFKEAEE MHIKAIQIKE QLLGQEDYEV ALSVGHLASL YNYDMNQYEN AEKLYLRSIA IGKKLFGEGY SGLEYDYRGL IKLYNSIGNY EKVFEYHNVL SNWNRLRDRQ YSVTDALEDV SSSPQSTEEV VQSFLMAQNV EGPSC
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	66,855 Da
Sequence Positions	1-585, 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 Q9DAX9
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Appbp2 recombinant protein	This protein interacts with microtubules and is functionally associated with beta-amyloid precursor protein transport and or processing. The beta-amyloid precursor protein is a cell surface protein with signal-transducing properties, and it is thought to play a role in the pathogenesis of Alzheimer s disease. This gene has been found to be highly expressed in breast cancer. Multiple polyadenylation sites have been found for this gene.
Other Notes	Small volumes of Appbp2 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.
Searchable Terms for Appbp2 purchase	MBS1324683 is a recombinant protein targeting Appbp2. Also known as Recombinant Mouse Amyloid protein-binding protein 2 (Appbp2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Appbp2. It may not necessarily be applicable to this product.

NCBI GI #	21313248
NCBI GeneID	66884
NCBI Accession #	NP_080101.1
UniProt Primary Accession #	Q9DAX9
UniProt Secondary Accession #	Q5SX12; Q80U61
UniProt Related Accession #	Q9DAX9
GenBank Nucleotide #	NM_025825.3
NCBI Official Full Name	amyloid protein-binding protein 2
NCBI Official Synonym Full Names	amyloid beta precursor protein (cytoplasmic tail) binding protein 2
NCBI Official Symbol	Appbp2
NCBI Official Synonym Symbols	PAT1; AI465480; 1300003O07Rik
UniProt Protein Name	Amyloid protein-binding protein 2
UniProt Synonym Protein Names	Amyloid beta precursor protein-binding protein 2; APP-BP2
Protein Family	Amyloid protein-binding protein
UniProt Gene Name	Appbp2
UniProt Synonym Gene Names	Kiaa0228; APP-BP2
NCBI Protein Information	amyloid protein-binding protein 2
UniProt Comments for Appbp2	May play a role in intracellular protein transport. May be involved in the translocation of APP along microtubules toward the cell surface ().
Research Articles on Appbp2	**1.** amyloid beta precursor protein gene is associated with Alzheimer's disease
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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