ADP-Ribosylation Factor-Like Protein 2-Binding Protein (ARL2BP) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	ADP-ribosylation factor-like protein 2-binding protein (Arl2bp), Recombinant Protein
Full Product Name	Recombinant Rat ADP-ribosylation factor-like protein 2-binding protein (Arl2bp)
Product Gene Name	Arl2bp recombinant protein
Product Synonym Gene Name	Arl2bp
Sequence	MDALEEESFA LSFSSASDAE FDAVVGCLED IIMDAEFQLL QRSFMDKYYQ EFEDTEENKL TYTPIFNEYI SLVEKYIEEQ LLERIPGFNM AAFTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSTPASQNN LRH
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	15,289 Da
Sequence Positions	1-163, 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 Q4V8C5
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Arl2bp recombinant protein	ADP-ribosylation factor (ARF)-like proteins (ARLs) comprise a functionally distinct group of the ARF family of RAS-related GTPases. This protein binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. The lack of detectable membrane association of this protein or ARL2 upon activation of ARL2 is suggestive of actions distinct from those of the ARFs. This protein is considered to be the first ARL2-specific effector identified, due to its interaction with ARL2.GTP but lack of ARL2 GTPase-activating protein activity.
Other Notes	Small volumes of Arl2bp 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 Arl2bp purchase	MBS1329861 is a recombinant protein targeting Arl2bp. Also known as Recombinant Rat ADP-ribosylation factor-like protein 2-binding protein (Arl2bp). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Arl2bp. It may not necessarily be applicable to this product.

NCBI GI #	67846092
NCBI GeneID	498910

NCBI Accession #	NP_001020077.1
UniProt Primary Accession #	Q4V8C5
UniProt Related Accession #	Q4V8C5
GenBank Nucleotide #	NM_001024906.1
NCBI Official Full Name	ADP-ribosylation factor-like protein 2-binding protein
NCBI Official Synonym Full Names	ADP-ribosylation factor like GTPase 2 binding protein
NCBI Official Symbol	Arl2bp
UniProt Protein Name	ADP-ribosylation factor-like protein 2-binding protein
UniProt Synonym Protein Names	Binder of ARF2 protein 1
Protein Family	ADP-ribosylation factor-like protein 2-binding protein
UniProt Gene Name	Arl2bp
UniProt Synonym Gene Names	Bart; Bart1; ARF-like 2-binding protein
NCBI Protein Information	ADP-ribosylation factor-like protein 2-binding protein
UniProt Comments for Arl2bp	Together with ARL2, plays a role in the nuclear translocation, retention and transcriptional activity of STAT3. May play a role as an effector of ARL2 ().
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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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.

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