Calcium-Binding Protein 4 (CABP4) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calcium-binding protein 4 (CABP4), Recombinant Protein
Full Product Name	Recombinant Bovine Calcium-binding protein 4 (CABP4)
Product Gene Name	CABP4 recombinant protein
Product Synonym Gene Name	CABP4
Sequence	MAEEQGRGRH GPDPAPRPQK PPVEVLASSS GAEGPPLMRK RSSKREKGLR GSRKGPSSSG EQTPMQGPEA PGSSKNPSRT REGQEGPIPS ASGLAPRRQS HRHRPGPQHD AAQRMYGPLL NRIFGKDREL GPEELDELQA AFEEFDTDHD GYIGYRDLGE CMRTLGYMPT EMELIEVSQH VKMRMGGRVD FEEFVEMMGP KLREETAHML GLRELRIAFR EFDRDRDGRI TVAELREAAP ALLGEPLVGP ELEEMLQEVD LNGDGTVDFN EFVMMLSRH
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	31,164 Da
Sequence Positions	1-279, 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 Q8HZJ4
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CABP4 recombinant protein	MBS1327022 is a recombinant protein targeting CABP4. Also known as Recombinant Bovine Calcium-binding protein 4 (CABP4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CABP4 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 CABP4. It may not necessarily be applicable to this product.

NCBI GI #	27806283
NCBI GeneID	281656
NCBI Accession #	NP_776681.1
UniProt Primary Accession #	Q8HZJ4
UniProt Related Accession #	Q8HZJ4

GenBank Nucleotide #	NM_174256.3
NCBI Official Full Name	calcium-binding protein 4
NCBI Official Synonym Full Names	calcium binding protein 4
NCBI Official Symbol	CABP4
UniProt Protein Name	Calcium-binding protein 4
Protein Family	Calcium-binding protein
UniProt Gene Name	CABP4
UniProt Synonym Gene Names	CaBP4
NCBI Protein Information	calcium-binding protein 4
UniProt Comments for CABP4	May play a role in normal synaptic function, probably through regulation of Ca2+ influx and neurotransmitter release in photoreceptor synaptic terminals and in auditory transmission. Modulator of CACNA1F, shifting the activation range to more hyperpolarized voltages ().
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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