Cytosolic Carboxypeptidase-Like Protein 5 (AGBL5) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytosolic carboxypeptidase-like protein 5 (AGBL5), Recombinant Protein
Full Product Name	Recombinant Bovine Cytosolic carboxypeptidase-like protein 5 (AGBL5) , partial
Product Gene Name	AGBL5 recombinant protein
Product Synonym Gene Name	AGBL5
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	79,990 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 Q58CX9
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AGBL5 recombinant protein	MBS1472004 is a recombinant protein targeting AGBL5. Also known as Recombinant Bovine Cytosolic carboxypeptidase-like protein 5 (AGBL5) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AGBL5 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 AGBL5. It may not necessarily be applicable to this product.

NCBI GI #	66792916
NCBI GeneID	538585
NCBI Accession #	NP_001019735.1
UniProt Primary Accession #	Q58CX9
UniProt Secondary Accession #	A1A4I0; E1B7H7
UniProt Related Accession #	Q58CX9
GenBank Nucleotide #	NM_001024564.1
NCBI Official Full Name	cytosolic carboxypeptidase-like protein 5
NCBI Official Synonym Full Names	ATP/GTP binding protein like 5

NCBI Official Symbol	AGBL5
UniProt Protein Name	Cytosolic carboxypeptidase-like protein 5
UniProt Synonym Protein Names	ATP/GTP-binding protein-like 5
Protein Family	Cytosolic carboxypeptidase-like protein
UniProt Gene Name	AGBL5
UniProt Synonym Gene Names	CCP5
NCBI Protein Information	cytosolic carboxypeptidase-like protein 5
UniProt Comments for AGBL5	Metallocarboxypeptidase that mediates protein deglutamylation. Specifically catalyzes the deglutamylation of the branching point glutamate side chains generated by post-translational glutamylation in proteins such as tubulins. In contrast, it is not able to act as a long-chain deglutamylase that shortens long polyglutamate chains, a process catalyzed by AGTPBP1/CCP1, AGBL2/CCP2, AGBL3/CCP3, AGBL1/CCP4 and AGBL4/CCP6. Mediates deglutamylation of CGAS, regulating the antiviral activity of CGAS.
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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