Hydroxyacylglutathione Hydrolase (gloB) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Hydroxyacylglutathione hydrolase (gloB), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Hydroxyacylglutathione hydrolase (gloB)
Product Gene Name	gloB recombinant protein
Sequence	MNLNSIPAFD DNYIWVLNDE AGRCLIVDPG DAEPVLNAIA ANNWQPEAIF LTHHHHDHVG GVKELVEKFP QIVVYGPQET QDKGTTQVVK DGETAFVLGH EFSVIATPGH TLGHICYFSK PYLFCGDTLF SGGCGRLFEG TASQMYQSLK KLSALPDDTL VCCAHEYTLS NMKFALSILP HDLSINDYYR KVKELRAKNQ ITLPVILKNE RQINVFLRTE DIDLINVINE ETLLQQPEER FAWLRSKKDR F
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	28,434 Da
Sequence Positions	1-251, 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 P0AC85
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gloB recombinant protein	MBS1256316 is a recombinant protein targeting gloB. Also known as Recombinant Escherichia coli O157:H7 Hydroxyacylglutathione hydrolase (gloB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gloB 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 gloB. It may not necessarily be applicable to this product.

NCBI GI #	15829462
NCBI GeneID	914044
NCBI Accession #	NP_308235.1
UniProt Primary Accession #	P0AC85
UniProt Secondary Accession #	Q47677
GenBank Nucleotide #	NC_002695.1

NCBI Official Full Name	hydroxyacylglutathione hydrolase
NCBI Official Symbol	ECs0208
UniProt Protein Name	Hydroxyacylglutathione hydrolase
UniProt Synonym Protein Names	Glyoxalase II
Protein Family	Hydroxyacylglutathione hydrolase
UniProt Gene Name	gloB
UniProt Synonym Gene Names	Glx II
NCBI Protein Information	hydroxyacylglutathione hydrolase
UniProt Comments for gloB	Thiolesterase that catalyzes the hydrolysis of S-D-lactoyl-glutathione to form glutathione and D-lactic acid.
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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