Galactocerebrosidase (galc) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Galactocerebrosidase (galc), Recombinant Protein
Full Product Name	Recombinant Danio rerio Galactocerebrosidase (galc), partial
Product Gene Name	galc recombinant protein
Product Synonym Gene Name	galc
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	73,820 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 Q5SNX7
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for galc recombinant protein	MBS1323721 is a recombinant protein targeting galc. Also known as Recombinant Danio rerio Galactocerebrosidase (galc), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of galc 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 galc. It may not necessarily be applicable to this product.

NCBI GI #	54400350
NCBI GeneID	449649
NCBI Accession #	NP_001005921.1
UniProt Primary Accession #	Q5SNX7
UniProt Secondary Accession #	Q5XJ01
UniProt Related Accession #	Q5SNX7
GenBank Nucleotide #	NM_001005921.1
NCBI Official Full Name	galactocerebrosidase
NCBI Official Synonym Full Names	galactosylceramidase a

NCBI Official Symbol	galca
NCBI Official Synonym Symbols	galc; galcl; zgc:92561; si:ch211-199l3.4
UniProt Protein Name	Galactocerebrosidase
UniProt Synonym Protein Names	Galactosylceramidase
Protein Family	4-carboxy-4-hydroxy-2-oxoadipic acid aldolase
UniProt Gene Name	galc
UniProt Synonym Gene Names	galca; GALCERase
NCBI Protein Information	galactocerebrosidase
UniProt Comments for galc	Hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, lactosylceramide, and monogalactosyldiglyceride.
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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