Beta-Hexosaminidase Subunit B2 (hexb2) Dictyostelium Discoideum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Beta-hexosaminidase subunit B2 (hexb2), Recombinant Protein
Full Product Name	Recombinant Dictyostelium discoideum Beta-hexosaminidase subunit B2 (hexb2), partial
Product Gene Name	hexb2 recombinant protein
Product Synonym Gene Name	hexb2
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	64,566 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 Q54K56
Species	Dictyostelium discoideum (Slime mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hexb2 recombinant protein	MBS1464425 is a recombinant protein targeting hexb2. Also known as Recombinant Dictyostelium discoideum Beta-hexosaminidase subunit B2 (hexb2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hexb2 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 hexb2. It may not necessarily be applicable to this product.

NCBI GI #	66806771
NCBI GeneID	8626203
NCBI Accession #	XP_637108.1
UniProt Primary Accession #	Q54K56
GenBank Nucleotide #	XM_632016.1
NCBI Official Full Name	hypothetical protein DDB_G0287659
NCBI Official Symbol	nagD
UniProt Protein Name	Beta-hexosaminidase subunit B2
UniProt Synonym Protein Names	Beta-N-acetylhexosaminidase subunit B2; N-acetyl-beta-glucosaminidase subunit B2

Protein Family	Beta-hexosaminidase
UniProt Gene Name	hexb2
NCBI Protein Information	glycoside hydrolase family 20 protein
UniProt Comments for hexb2	Responsible for the degradation of GM2 gangliosides, and a variety of other molecules containing terminal N-acetyl hexosamines.
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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