Glutamate Decarboxylase 1 (GAD1) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamate decarboxylase 1 (GAD1), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Glutamate decarboxylase 1 (GAD1), partial
Product Gene Name	GAD1 recombinant protein
Product Synonym Gene Name	GAD1
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	66,893 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 Q5R7S7
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GAD1 recombinant protein	MBS1436331 is a recombinant protein targeting GAD1. Also known as Recombinant Pongo abelii Glutamate decarboxylase 1 (GAD1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GAD1 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 GAD1. It may not necessarily be applicable to this product.

NCBI GI #	197100300
NCBI GeneID	100173252
NCBI Accession #	NP_001126278.1
UniProt Primary Accession #	Q5R7S7
UniProt Related Accession #	Q5R7S7
GenBank Nucleotide #	NM_001132806.1
NCBI Official Full Name	glutamate decarboxylase 1
NCBI Official Symbol	GAD1
UniProt Protein Name	Glutamate decarboxylase 1

Protein Family	Glutamate decarboxylase
UniProt Gene Name	GAD1
NCBI Protein Information	glutamate decarboxylase 1
UniProt Comments for GAD1	Catalyzes the production of GABA.
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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