Glutathione S-Transferase D4 (GstD4) Drosophila Melanogaster Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutathione S-transferase D4 (GstD4), Recombinant Protein
Full Product Name	Recombinant Drosophila melanogaster Glutathione S-transferase D4 (GstD4)
Product Gene Name	GstD4 recombinant protein
Product Synonym Gene Name	GstD4
Sequence	MDFYYSPRSS GSRTIIMVAK ALGLELNKKQ LRITEGEHLK PEFLKLNPQH TIPTLVDNGF AIWESRAIAV YLVEKYGKDD SLFPNDPQKR ALINQRLYFD MGTLHDSFMK YYYPFIRTGQ LGNAENYKKV EAAFEFLDIF LEGQDYVAGS QLTVADIAIL SSVSTFEVVE FDISKYPNVA RWYANAKKIT PGWDENWKGL LQMKTMYEAQ KASLK
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	24,736 Da
Sequence Positions	1-215, 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 Q9VG96
Species	Drosophila melanogaster (Fruit fly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GstD4 recombinant protein	MBS1356618 is a recombinant protein targeting GstD4. Also known as Recombinant Drosophila melanogaster Glutathione S-transferase D4 (GstD4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GstD4 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 GstD4. It may not necessarily be applicable to this product.

NCBI GI #	17864594
NCBI GeneID	48337
NCBI Accession #	NP_524913.1
UniProt Primary Accession #	Q9VG96
UniProt Secondary Accession #	Q541F8; Q9TX90

UniProt Related Accession #	Q9VG96
GenBank Nucleotide #	NM_080174.4
NCBI Official Full Name	glutathione S transferase D4
NCBI Official Synonym Full Names	Glutathione S transferase D4
NCBI Official Symbol	GstD4
NCBI Official Synonym Symbols	CG11512; DmelCG11512; DmGST23; DmGstd4; DmGSTD4; Gst; GST; gstD23; GstD23; gstd4; GSTD4
UniProt Protein Name	Glutathione S-transferase D4
Protein Family	Glutathione S-transferase
UniProt Gene Name	GstD4
NCBI Protein Information	CG11512 gene product from transcript CG11512-RA
UniProt Comments for GstD4	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles (PubMed:22082028). May be involved in detoxification (PubMed:22082028).
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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