Diazepam-Binding Inhibitor-Like 5 (DBIL5) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Diazepam-binding inhibitor-like 5 (Dbil5), Recombinant Protein
Full Product Name	Recombinant Mouse Diazepam-binding inhibitor-like 5 (Dbil5)
Product Gene Name	Dbil5 recombinant protein
Sequence	MSQVEFEMAC ASLKQLKGPV SDQEKLLVYS FYKQATQGDC NIPVPPATDV RAKAKYEAWM VNKGMSKMDA MRIYIAKVEE LKKKEPC
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	13.9 kDa
Sequence Positions	1-87aa, Full Length
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 O09035
Species	Mus musculus (Mouse)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Dbil5 recombinant protein	MBS1259424 is a recombinant protein targeting Dbil5. Also known as Recombinant Mouse Diazepam-binding inhibitor-like 5 (Dbil5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. May be involved in the energy metabolism of the mature sperm.
Product References and Citations for Dbil5 recombinant protein	"Progressive inactivation of the haploid expressed gene for the sperm-specific endozepine-like peptide (ELP) through primate evolution." Ivell R., Pusch W., Balvers M., Valentin M., Walther N., Weinbauer G. Gene 255:335-345(2000)
Other Notes	Small volumes of Dbil5 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 Dbil5. It may not necessarily be applicable to this product.

NCBI GI #	10946592
NCBI GeneID	13168
NCBI Accession #	NP_067269.1
UniProt Primary Accession #	O09035
UniProt Related Accession #	O09035

GenBank Nucleotide #	NM_021294.2
NCBI Official Full Name	diazepam-binding inhibitor-like 5
NCBI Official Synonym Full Names	diazepam binding inhibitor-like 5
NCBI Official Symbol	Dbil5
NCBI Official Synonym Symbols	ELP
UniProt Protein Name	Diazepam-binding inhibitor-like 5
UniProt Synonym Protein Names	Endozepine-like peptide; ELP
Protein Family	Diazepam-binding inhibitor
UniProt Gene Name	Dbil5
UniProt Synonym Gene Names	ELP
NCBI Protein Information	diazepam-binding inhibitor-like 5
UniProt Comments for Dbil5	May be involved in the energy metabolism of the mature sperm.
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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