Sperm Motility Kinase Y (GM7168) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sperm motility kinase Y (Gm7168), Recombinant Protein
Full Product Name	Recombinant Mouse Sperm motility kinase Y (Gm7168)
Product Gene Name	Gm7168 recombinant protein
Sequence	MPAHIEEELP PPSPQPSNPE DGELYSQYKV VRTLGHGTYA KVLLAKHWLT GTPVAVKVLL KNKPCFQPAM KEANIMKKIK HPNIVSLLQV FETKTRGYLI MELVEGQELY EYIKSSGHIE EDEARQIFLQ ILSAVSYCHG LGIVHRDLKP DNIMIDDKGS IKIIDFGLST QVKPGDLLDE HCGAYAFGAP ELFLWKSYDG TKSDLWALGV ILYYMVVGKV PFDSYIIPEL QRQILAGVYP APCGVSNELK DLLSLLMTVN PKYRPTVTEV MKHPWLRGHC KGLTNIHEEP VPVRPDPDIV DAMQYIGFQA KDIRESLTKE KFNEMSAAYY LLEEQALQRE VRSTQAPTVS QVKAPFPSMD AGEASCLKIK RSGSASILGR SVWPPSIDQE PAYVQKVRQR AGRRSSGHGL LFEANQMTPT QDQHHIRAMS VPCMLSTSSI SEESVSEKRE ENLSHIALAE DKPIRSRGWC RGIMRWTRRV GNAIRTLCCC IPSRKTPQLG QSRVSPQK
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	57,058 Da
Sequence Positions	1-508, 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 A0AUV4
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Gm7168 recombinant protein	MBS1264362 is a recombinant protein targeting Gm7168. Also known as Recombinant Mouse Sperm motility kinase Y (Gm7168). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Gm7168 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 Gm7168. It may not necessarily be applicable to this product.

NCBI GI #	171916117
NCBI GeneID	635895
NCBI Accession #	NP_001116449.1

UniProt Primary Accession #	A0AUV4
UniProt Secondary Accession #	Q3B7Y1
UniProt Related Accession #	A0AUV4
GenBank Nucleotide #	NM_001122977.1
NCBI Official Full Name	sperm motility kinase Y
NCBI Official Synonym Full Names	predicted gene 7168
NCBI Official Symbol	Gm7168
NCBI Official Synonym Symbols	EG635895
UniProt Protein Name	Sperm motility kinase Y
Protein Family	Sperm motility kinase
UniProt Gene Name	Gm7168
NCBI Protein Information	sperm motility kinase Y
UniProt Comments for Gm7168	May play a role in sperm motility, especially in the regulation of flagellar function.
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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