Fibrinogen-Like Protein 1 (FGL1) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fibrinogen-like protein 1 (Fgl1), Recombinant Protein
Full Product Name	Recombinant Rat Fibrinogen-like protein 1 (Fgl1)
Product Gene Name	Fgl1 recombinant protein
Product Synonym Gene Name	Fgl1
Sequence	LGDENCLQEQ VRLRAQVRQL ETRVKQQQVV IAQLLHEKEV QFLDRGQEDS FIDLGGKRHY ADCSEIYNDG FKHSGFYKIK PLQSLAEFSV YCDMSDGGGW TVIQRRSDGS ENFNRGWNDY ENGFGNFVQS NGEYWLGNKN INLLTMQGDY TLKIDLTDFE KNSRFAQYEK FKVGDEKSFY ELNIGEYSGT AGDSLSGTFH PEVQWWASHQ TMKFSTRDRD NDNYNGNCAE EEQSGWWFNR CHSANLNGVY YQGPYRAETD NGVVWYTWRG WWYSLKSVVM KIRPSDFIPN IV
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	36,476 Da
Sequence Positions	23-314, 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 Q5M8C6
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Fgl1 recombinant protein	Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene.
Other Notes	Small volumes of Fgl1 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.
Searchable Terms for Fgl1 purchase	MBS1375841 is a recombinant protein targeting Fgl1. Also known as Recombinant Rat Fibrinogen-like protein 1 (Fgl1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Fgl1. It may not necessarily be applicable to this product.

NCBI GI #	81883123

NCBI Accession #	Q5M8C6.1
UniProt Primary Accession #	Q5M8C6
NCBI Official Full Name	Fibrinogen-like protein 1
UniProt Protein Name	Fibrinogen-like protein 1
Protein Family	Fibrinogen-like protein
UniProt Gene Name	Fgl1
UniProt Comments for Fgl1	Has hepatocyte mitogenic activity.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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