# Recombinant Mouse Fibrinogen-like protein 1 (Fgl1)

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| **Product Code** | CSB-EP741134MO-B |
| **Abbreviation** | Fgl1 |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| **Uniprot No.** | Q71KU9 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Mus musculus (Mouse) |
| **Purity** | >85% (SDS-PAGE) |
| **Sequence** | LESESCLR EQVRLRAQVH QLETRVKQQQ TMIAQLLHEK EVQFLDKGSE NSFIDLGGKR QYADCSEIYN DGFKQSGFYK IKPLQSLAEF SVYCDMSDGG GWTVIQRRSD GSENFNRGWN DYENGFGNFV QNNGEYWLGN KNINLLTIQG DYTLKIDLTD FEKNSSFAQY QSFKVGDKKS FYELNIGEYS GTAGDSLSGT FHPEVQWWAS HQRMKFSTWD RDNDNYQGNC AEEEQSGWWF NRCHSANLNG VYYRGSYRAE TDNGVVWYTW HGWWYSLKSV VMKIRPSDFI PNII |
| **Source** | E.coli |
| **Target Names** | Fgl1 |
| **Protein Names** | Recommended name: Fibrinogen-like protein 1 Alternative name(s): Mouse fibrinogen-related protein 1 Short name= MFIRE-1 |
| **Expression Region** | 23-314 |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag type will be determined during the manufacturing process. |
| **Protein Length** | Full Length of Mature Protein |
| **Target Details** | 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. |
| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final |

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| | concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |