



Recombinant Mouse Fibrinogen gamma chain (Fgg)

Product Code	CSB-EP008651MO-B
Abbreviation	Fgg
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.	Q8VCM7
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	YVATR DNCCILDERF GSF CPTTCGI ADFLSSYQTD VDNDLRTLED ILFRAENRTT EAKELIKAIQ VYYPDQPPK PGMIDSATQK SKKMVEEIVK YEALLLTHET SIRYLQEIYN SNNQKITNLK QKVAQLEAQC QEPCKDSVQI HDTTGKDCQE IANKGAKESG LYFIRPLKAK QQFLVYCEID GSGNGWTVLQ KRIDGSLDFK KNWIQYKEGF GHLSPTGTTE FWLGNEKIHL ISMQSTIPYA LRIQLKDWNG RTSTADYAMF RVGPESDKYR LTYAYFIGGD AGDAFDGYDF GDDPSDKFFT SHNGMQFSTW DNDNDKFEGN CAEQDGSGWW MKNCHAGHLN GVIYHQGGTYS KSSTTNGFDD GIIWATWKS R WYSMKETTMK IIPFNRLSIG EGQQHHMGGG KQAGDV
Source	E.coli
Target Names	Fgg
Protein Names	Recommended name: Fibrinogen gamma chain
Expression Region	26-436
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	This protein is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms.

**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 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. 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.