



Recombinant Mouse Proto-oncogene FRAT1 (Frat1)

Product Code	CSB-EP008970MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70339
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MPCRREEEEE AGDEAEGEED DDSFLLQQS VTLGGSTDVD QLIVQIGETL QLDAAHDRPA SPCAAPGPPP PQVLAALPAD KTGTPARRLL RPTGSAETGN PAPPGAVRCV LGERGRVRGR SAPYCVAEIS PGASALPQQP GLDGPPGTGK LSTPQPLSGP CRRGWLNRNA ASRRLQQRG SQPETRTGDD DDPHRLLQQL VLSGNLIKEA VRRLHSRQLQ LHAKLPAHPF LGPLSAPVHE PPSPGSPRAA CSDPGAFMGR AQLRTGDDLL VPGS
Source	E.coli
Target Names	Frat1
Protein Names	Recommended name: Proto-oncogene FRAT1 Alternative name(s): Frequently rearranged in advanced T-cell lymphomas 1 Short name= FRAT-1
Expression Region	1-274
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 protein
Target Details	This protein belongs to the GSK-3-binding protein family. The protein inhibits GSK-3-mediated phosphorylation of beta-catenin and positively regulates the Wnt signaling pathway. It may function in tumor progression and in lymphomagenesis.
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.