



Recombinant Mouse Murinoglobulin-1 (Mug1), partial

Product Code	CSB-EP328826MO
Relevance	A proteinase activates the inhibitor by specific proteolysis in the bait region, which, by an unknown mechanism leads to reaction at the cysteinyl-glutamyl internal thiol ester site and to a conformational change, whereby the proteinase is trapped and/or covalently bound to the inhibitor. While in the tetrameric proteinase inhibitors steric inhibition is sufficiently strong, monomeric forms need a covalent linkage between the activated glutamyl residue of the original thiol ester and a terminal amino group of a lysine or another nucleophilic group on the proteinase, for inhibition to be effective.
Abbreviation	Recombinant Mouse Mug1 protein, partial
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.	P28665
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TPEISWSLRRTTLSKRPEEPPRKDPSSNDPLTETIRKYFPETWVWDIVTVNSTGL AEVEMTVPDTITIEWKAGALCLSNDTGLGLSSVVPLQAFKPFVVEVSLPYSVVR GEAFMLKATVMNYLPTSMQMSVQLEASPDFTAVPVGDDQDSYCLSANGRHT SSWLVTPLKSLGNVNFVSAEAQQSSEPCGSEVATVPETGRKDTVVKVLIVEPE
Research Area	Others
Source	E.coli
Target Names	Mug1
Expression Region	700-910aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	27.0kDa
Protein Length	Partial
Image	

