

Murinoglobulin-1 Recombinant Protein | MUG1 recombinant protein

Recombinant mouse Murinoglobulin-1

CATALOG # AAA309751	HOST E Coli	REACTIVITY Mouse
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PRODUCT SYNONYMS

Murinoglobulin-1; Recombinant mouse Murinoglobulin-1; MUG1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Partial, 700-910aa
Sequence	TPEISWSLRT TLSKRPEEPP RKDPSSNDPL TETIRKYFPE TWVWDIVTVN STGLAEVEMT VPDITIEWKA GALCLSNDTG LGLSSVVPLQ AFKPFFVEVS LPYSVVRGEA FMLKATVMNY LPTSMQMSVQ LEASPDFTAV PVGDDQDSYC LSANGRHTSS WLVTPKSLGN VNFSVSAEAQ QSSEPCGSEV ATPETGRKD TVVKVLIVEP E
Brief Description	Recombinant Protein
Tag Info	His-tag
Preparation and Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for MUG1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31982171
NCBI GeneID	17836
NCBI Accession #	NP_032671.2
NCBI GenBank Nucleotide #	NM_008645.3
UniProt Accession #	P28665 ; Q3UNE7 ; Q80XE6
Molecular Weight	27.13kD
NCBI Official Full Name	murinoglobulin-1
NCBI Official Synonym Full Names	murinoglobulin 1

NCBI Official Symbol	Mug1
NCBI Protein Information	murinoglobulin-1
UniProt Protein Name	Murinoglobulin-1
UniProt Gene Name	Mug1
UniProt Synonym Gene Names	Mug-1; MuG1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mug1-recombinant-protein-e-coli/309751>