

Datasheet for ABIN5710860

## Murinoglobulin 1 Protein (Mug1) (AA 700-910, partial) (His tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Murinoglobulin 1 (Mug1)
Protein Characteristics:	AA 700-910, partial
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Murinoglobulin 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	TPEISWSLRT TLSKRPEEPP RKDPSSNDPL TETIRKYFPE TWVWDIVTVN STGLAEVEMT VPDTITWKA GALCLSNDTG LGLSSVPLQ AFKPFVVEVS LPYSVVRGEA FMLKATVMNY LPTSMQMSVQ LEASPDFTAV PVGDDQDSYC LSANGRHTSS WLVTPKSLGN VNFSVSAEAQ QSSEPCGSEV ATPETGRKD TVVKVLIVEP E
Purification:	SDS-PAGE
Purity:	> 90 %

#### Target Details

Target:	Murinoglobulin 1 (Mug1)
Alternative Name:	MUG1 ( <a href="#">Mug1 Products</a> )
Background:	A proteinase activates the inhibitor by specific proteolysis in the bait region, which, by an

## Target Details

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.

Molecular Weight: 27.13 kDa

UniProt: [P28665](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: 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.

## Images



### SDS-PAGE

Image 1.