

Murinoglobulin-1 (Mug1) Recombinant Protein | Mug1 recombinant protein

Recombinant Mouse Murinoglobulin-1 (Mug1), partial

CATALOG # AAA18572	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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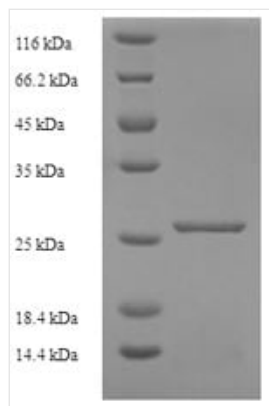
PRODUCT SYNONYMS

Murinoglobulin-1 (Mug1); Recombinant Mouse Murinoglobulin-1 (Mug1); partial; Mug1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	700-910aa; Partial
Sequence	TPEISWSLRT TLSKRPEEPP RKDPSSNDPL TETIRKYFPE TWVWDIVTVN STGLAEVEMT VPDTITEWKA GALCLSN DTG LGLSSVPLQ AFKPFVFEVS LPYSVVRGEA FMLKATVMNY LPTSMQMSVQ LEASPDFTAV PVGDDQDSYC LSANGRHTSS WLVT PKSLGN VNFVSAAEQ QSSEPCGSEV ATPETGRKD TVVKVLIVEP E
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

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.
References	Molecular characterization of the murinoglobulins.Overbergh L., Torrekens S., van Leuven F., van den Berghe H.J. Biol. Chem. 266:16903-16910(1991) Proteome-wide characterization of N-glycosylation events by diagonal chromatography.Ghesquiere B., Van Damme J., Martens L., Vandekerckhove J., Gevaert K.J. Proteome Res. 5:2438-2447(2006) Enhanced analysis of the mouse plasma proteome using cysteine-containing tryptic glycopeptides.Bernhard O.K., Kapp E.A., Simpson R.J.J. Proteome Res. 6:987-995(2007)

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	27.0 kDa
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
UniProt Entry Name	MUG1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mug1-recombinant-protein-e-coli/18572>