Metalloproteinase-disintegrin-like mocarhagin Recombinant Protein | MOC recombinant protein

Recombinant Naja mossambica (Mozambique spitting cobra) Snake venom metalloproteinase-disintegrin-like mocarhagin

CATALOG #	HOST
AAA117428	**E Coli or Yeast or Baculovirus or Mammalian Cell**

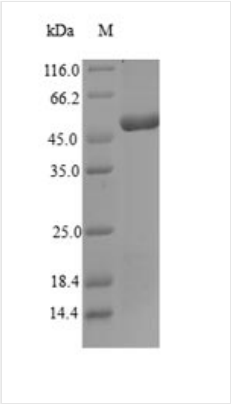
PRODUCT SYNONYMS

Metalloproteinase-disintegrin-like mocarhagin; Recombinant Naja mossambica (Mozambique spitting cobra) Snake venom metalloproteinase-disintegrin-like mocarhagin; Zinc metalloproteinase mocarhagin; MOC 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	192-609aa; Full Length
Sequence	TNTPEQDRYL QAKKYIEFYV VVDNVMYRKY TGKLHVITRR VYEMVNALNT MYRRLNFHIA LIGLEIWSNG NEINVQSDVQ ATLDLFGEWR ENKLLPRKRN DNAQLLTSTE FNGTTTGLGY IGSLCSPKKS VAVVQDHSKS TSMVAITMAH QMGHNLGMND DRASCTCGSN KCIMSTKYYE SLSEFSSCSV QEHREYLLRD RPQCILNKPS RKAIVTPPVC GNYFVERGEE CDCGSPEDCQ NTCCDAATCK LQHEAQCDSG ECCEKCKFKG AGAECRAAKN DCDFPELCTG RSAKCPKDSF QRNGHPCQNN QGYCYNGTCP TLTNQCATLW GPGAKMSPGL CFMLNWNARS CGLCRKENGR KILCAAKDVK CGRLFCKKKN SMICHCPPPS KDPNYGMVAP GTKCGVKKVC RNRQCVKV
Sequence Length	609
Species	Naja mossambica (Mozambique spitting cobra)
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 MOC recombinant protein	Snake venom zinc metalloproteinase that inhibits platelet aggregation by cleaving platelet glycoprotein Ib alpha (GP1BA) at Glu-298/Asp-299, and abolishes binding of von Willebrand factor (VWF) to GPIBA. Cleaves P-selectin glycoprotein ligand-1 (PSGL-1/SELPLG) at Tyr-51/Asp-52, and completely abolishes the binding of PSGL-1 to P-selectin. Anionic amino acid sequences containing sulfated tyrosines are needed for cleavages. Inhibits the thrombin-induced platelet aggregation, and the thrombin-induced release of ATP and ADP. Has lectin activity
References	"Molecular characterization of mocarhagins: a multi-gene family of metalloproteinases expressed in cobra venom." Sako D., Shaw G.D. Submitted (MAY-2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	172046653
UniProt Accession #	Q10749; Q8JGN1
Molecular Weight	50.7 kDa
NCBI Official Full Name	Snake venom metalloproteinase-disintegrin-like mocarhagin
UniProt Protein Name	Snake venom metalloproteinase-disintegrin-like mocarhagin
UniProt Gene Name	**MOC**
UniProt Synonym Gene Names	Mocarhagin-1; SVMP
UniProt Entry Name	VM3M1_NAJMO

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://www.aaabiotech.com/moc-recombinant-protein-e-coli/117428