Disintegrin Gabonin-2 Bitis Gabonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Disintegrin gabonin-2, Recombinant Protein
Full Product Name	Recombinant Bitis gabonica Disintegrin gabonin-2
Sequence	NSAHPCCDPV TCKPKRGEHC ISGPCCRNCK FLNAGTICKK TMLDGLNDYC TGVTPDCPRN PNKGESDELE WSAAATGSVL M
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	13,786 Da
Sequence Positions	48-128, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6T6T2
Species	Bitis gabonica (Gaboon adder) (Gaboon viper)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Disintegrin gabonin-2 recombinant protein	MBS1334238 is a recombinant protein targeting Disintegrin gabonin-2. Also known as Recombinant Bitis gabonica Disintegrin gabonin-2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Disintegrin gabonin-2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Disintegrin gabonin-2. It may not necessarily be applicable to this product.

NCBI GI #	82203513
NCBI Accession #	Q6T6T2.1
UniProt Primary Accession #	Q6T6T2
NCBI Official Full Name	Disintegrin gabonin-2
UniProt Protein Name	Disintegrin gabonin-2
UniProt Synonym Protein Names	Bitisgabonin-2
Protein Family	Disintegrin gabonin

UniProt Comments for Disintegrin gabonin-2	The heterodimer bitisgabonin-2 preferentially inhibits the adhesion of the alpha-4/beta-1 (ITGA4/ITGB1) and alpha-9/beta-1 (ITGA9/ITGB1) integrins to VCAM-1 and acts also as a strong antagonist of alpha-5/beta-1 (ITGA5/ITGB1).
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