Amphinase-4 Rana Pipiens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Amphinase-4, Recombinant Protein
Full Product Name	Recombinant Rana pipiens Amphinase-4
Sequence	KPKEDKEWVK FKAKHITSQS VADFNCNKTM NDPDFTPDGQ CKPVNTFIHS NTGPVKDICR RASGRVNKSS TQQFPLTTCN KPIRCKYSQS NTTNFICITC RDNYPVHFVK IGKC
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	12,976 Da
Sequence Positions	1-114, 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 P85075
Species	Rana pipiens (Northern leopard frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Amphinase-4 recombinant protein	MBS1051083 is a recombinant protein targeting Amphinase-4. Also known as Recombinant Rana pipiens Amphinase-4. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Amphinase-4 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 Amphinase-4. It may not necessarily be applicable to this product.

NCBI GI #	148886779
NCBI Accession #	P85075.1
UniProt Primary Accession #	P85075
NCBI Official Full Name	Amphinase-4
UniProt Protein Name	Amphinase-4
Protein Family	Amphinase
UniProt Comments for Amphinase-4	Endonuclease, hydrolyzes highly polymerized RNA, poly(U) and poly(C), and the dinucleotides CpA and UpA. Hydrolyzes rCA, rUA and rUG. Has cytotoxic activity against cultured human submaxillary gland carcinoma cells.

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