

Recombinant Momordica charantia Ribosome-inactivating protein momordin I

Catalog No: #AP72897

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Package Size: #AP72897-1 20ug #AP72897-2 100ug #AP72897-3 1mg

Description

Product Name	Recombinant Momordica charantia Ribosome-inactivating protein momordin I
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-269aaSequence Info:Full Length
Other Names	Alpha-momorcharin Short name: Alpha-MMC rRNA N-glycosidase
Accession No.	P16094
Uniprot	P16094
Calculated MW	29.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DVSFRLSGADPRS YGMFIKDLRNALPFREK VYNIPLLLPSVSGAGRYLLMHLFN YD GKTITVAVDVTNVYIMGY LADTTSYFFNEPAAELASQYVFRDARRKITLPYSGNYERLQIAAGKPREKIPGLPALDSAISTLLHYDSTAAAGA LLVLIQTAEAAARFKYIEQQIQERAYRDEVPSLATISLENSWSGLSKQIQLAQGNNGIFRTPIVLVDNKGNRVQIT NVTSKVVT SNIQLLL NTRNI
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Endohydrolysis of the N-glycosidic bond at one specific adenosine on the 28S rRNA

References

"Cleavage of nicotinamide adenine dinucleotide by the ribosome-inactivating protein from Momordica charantia."Vinkovic M., Dunn G., Wood G.E., Husain J., Wood S.P., Gill R.Acta Crystallogr F Struct Biol Commun 71:1152-1155(2015)Research Topic:Others

Note: This product is for in vitro research use only