Sweet Protein Mabinlin-4 (MAB IV) Capparis Masaikai Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sweet protein mabinlin-4 (MAB IV), Recombinant Protein
Full Product Name	Recombinant Capparis masaikai Sweet protein mabinlin-4
Product Gene Name	MAB IV recombinant protein
Product Synonym Names	Recombinant Sweet protein mabinlin-4; Sweet protein mabinlin-4; Mabinlin IV; MAB IV Cleaved into the following 2 chains: 1. Sweet protein mabinlin-4 chain A 2. Sweet protein mabinlin-4 chain B
Sequence	EPLCRRQFQQ HQHLRACQRY LRRRAQRG
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	11,928 Da
Sequence Positions	1-28aa; 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 P80353
Species	Capparis masaikai (Mabinlang)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MAB IV recombinant protein	MBS1231820 is a recombinant protein targeting MAB IV. Also known as Recombinant Capparis masaikai Sweet protein mabinlin-4. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MAB IV 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 MAB IV. It may not necessarily be applicable to this product.

NCBI GI #	21431415
NCBI Accession #	P80353.1
UniProt Primary Accession #	P80353
NCBI Official Full Name	Sweet protein mabinlin-4
UniProt Protein Name	Sweet protein mabinlin-4
UniProt Synonym Protein Names	Mabinlin IV
Protein Family	Sweet protein mabinlin

UniProt Gene Name	MAB IV
UniProt Synonym Gene Names	MAB IV
UniProt Entry Name	2SS4_CAPMA
UniProt Comments for MAB IV	Function: Heat stable 2S seed storage protein having sweetness-inducing activity. Subunit structure: Heterodimer of a small A and a large B chain linked by disulfide bonds. Sequence similarities: Belongs to the 2S seed storage albumins family.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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