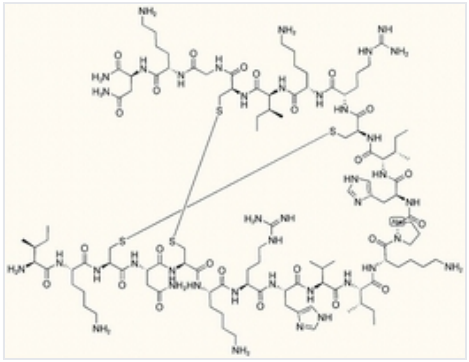
Mast Cell Degranulating Peptide – Synthetic Peptide, >95% Purity

PRODUCT OVERVIEW

Product Name	Mast Cell Degranulating Peptide (Mcdp), Peptide
Full Product Name	Mast Cell Degranulating Peptide
Product Gene Name	Mcdp peptide
Host	Synthetic
Form/Format	Lyophilized Powder
Purity/Purification	> 95%
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.
Molecular Weight	2583.27
CAS Number	83856-13-7
Molecular Formula	C110H188N40O24S4
Chemical Structure	Ile-Lys-Cys-Asn-Cys-Lys-Arg-His-Val-Ile-Lys-Pro-His-Ile-Cys-Arg-Lys-Ile-Cys-Gly-Lys-Asn-NH2 (Disulfide bridge Cys3-Cys15, Cys5-Cys19)
Related Product Information for Mcdp peptide	MBS8247199 is a peptide targeting Mcdp. Also known as Mast Cell Degranulating Peptide. Host: Synthetic. Peptide to Mast Cell Degranulating Peptide
Other Notes	Small volumes of Mcdp peptide 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.



Structure of Mcdp peptide

ADDITIONAL DETAILS

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

NCBI GI #	296785039
NCBI GeneID	406134
NCBI Accession #	NP_001011611.2
UniProt Related Accession #	P01499
GenBank Nucleotide #	NM_001011611.2

NCBI Official Full Name	mast cell degranulating peptide preproprotein
NCBI Official Symbol	Mcdp
NCBI Official Synonym Symbols	GB13285
UniProt Protein Name	Mast cell degranulating peptide
UniProt Synonym Protein Names	Peptide 401
Protein Family	Mast cell degranulating peptide
UniProt Gene Name	MCD peptide
UniProt Synonym Gene Names	MCDP
UniProt Entry Name	MCDP_APIME
NCBI Protein Information	mast cell degranulating peptide
UniProt Comments for Mcdp	Potent anti-inflammatory agent. At low concentrations, mediates the degranulation of mast cells thus evoking an inflammatory response. Also acts as a neurotoxin capable of blocking a class of voltage-gated potassium channels.
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