Somatostatin-37 (sst) Petromyzon Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Somatostatin-37 (sst), Recombinant Protein
Full Product Name	Recombinant Petromyzon marinus Somatostatin-37 (sst)
Product Gene Name	sst recombinant protein
Product Synonym Gene Name	sst
Product Synonym Names	Recombinant Somatostatin-37 (sst); Somatostatin-37 Cleaved into the following 2 chains: 1. Somatostatin-34 2. Somatostatin-14
Sequence	AAAVAGS PQQLLPLGQR ERKAGCKNFF WKTFSSC
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	4,039 Da
Sequence Positions	4-37aa; Cytoplasmic domain
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 P21779
Species	Petromyzon marinus (Sea lamprey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sst recombinant protein	MBS1259009 is a recombinant protein targeting sst. Also known as Recombinant Petromyzon marinus Somatostatin-37 (sst). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sst 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 sst. It may not necessarily be applicable to this product.

NCBI GI #	134581
NCBI Accession #	P21779.1
UniProt Primary Accession #	P21779
NCBI Official Full Name	Somatostatin-37
UniProt Protein Name	Somatostatin-37
Protein Family	Somatostatin

UniProt Gene Name	sst
UniProt Entry Name	SMS_PETMA
UniProt Comments for sst	Function: Somatostatin inhibits the release of somatotropin. Subcellular location: Secreted. Sequence similarities: Belongs to the somatostatin 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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