Isotocin-Neurophysin It 2 (IT) Oncorhynchus Keta Recombinant Protein

PRODUCT OVERVIEW

Product Name	Isotocin-neurophysin IT 2, Recombinant Protein
Full Product Name	Recombinant Oncorhynchus keta Isotocin-neurophysin IT 2
Product Gene Name	IT recombinant protein
Sequence	SIMDAPQRKC MSCGPGEQGR CFGPSICCGK DVGCWMGSPE TAHCMEENYL PTPCQVGGRP CGSDTVRCAS PGVCCDSEGC SADQSCFAEE EGDNQIGQSE GSNSADVILR LLHLADHTPP HRVHQ
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	16,352 Da
Sequence Positions	32-156, 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 Q91167
Species	Oncorhynchus keta (Chum salmon)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IT recombinant protein	MBS1306954 is a recombinant protein targeting IT. Also known as Recombinant Oncorhynchus keta Isotocin-neurophysin IT 2. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of IT 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 IT. It may not necessarily be applicable to this product.

NCBI GI #	13626582
NCBI Accession #	Q91167.1
UniProt Primary Accession #	Q91167
NCBI Official Full Name	Isotocin-neurophysin IT 2
UniProt Protein Name	Isotocin-neurophysin IT 2
Protein Family	Isotocin-neurophysin
UniProt Gene Name	IT

UniProt Synonym Gene Names	IT
UniProt Comments for IT	Isotocin causes contraction of smooth muscles.
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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