Parvalbumin Beta Scomber Japonicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Parvalbumin beta, Recombinant Protein
Full Product Name	Recombinant Scomber japonicus Parvalbumin beta
Sequence	AFASVLKDAE VTAALDGCKA AGSFDHKKFF KACGLSGKST DEVKKAFAII DQDKSGFIEE EELKLFLQNF KAGARALSDA ETKAFLKAGD SDGDGKIGID EFAAMIKG
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	11,545 Da
Sequence Positions	2-109, 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 P59747
Species	Scomber japonicus (Chub mackerel)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Parvalbumin beta recombinant protein	MBS1151451 is a recombinant protein targeting Parvalbumin beta. Also known as Recombinant Scomber japonicus Parvalbumin beta. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Parvalbumin beta 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 Parvalbumin beta. It may not necessarily be applicable to this product.

NCBI GI #	32363220
NCBI Accession #	P59747.2
UniProt Primary Accession #	P59747
UniProt Secondary Accession #	Q7ZW61
NCBI Official Full Name	Parvalbumin beta
UniProt Protein Name	Parvalbumin beta
UniProt Synonym Protein Names	Allergen: Sco j 1
Protein Family	Parvalbumin

UniProt Comments for Parvalbumin beta	In muscle, parvalbumin is thought to be involved in relaxation after contraction. It binds two calcium ions ().
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