Ictacalcin (LOC100305037) Ictalurus Punctatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ictacalcin (LOC100305037), Recombinant Protein
Full Product Name	Recombinant Ictalurus punctatus Ictacalcin
Product Gene Name	LOC100305037 recombinant protein
Sequence	MSDLQKGMAL LISTFHKYSG KEGDKCTLTK GELKDLLTKE LGGAFGNCSD QATLDKIFKD LDTNADGVVD FQEYATMVAC TTMLCNKSLS KK
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	10,022 Da
Sequence Positions	1-92, 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 Q91061
Species	Ictalurus punctatus (Channel catfish)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC100305037 recombinant protein	MBS1339933 is a recombinant protein targeting LOC100305037. Also known as Recombinant Ictalurus punctatus Ictacalcin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC100305037 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 LOC100305037. It may not necessarily be applicable to this product.

NCBI GI #	318227673
NCBI GeneID	100305037
NCBI Accession #	NP_001187203.1
UniProt Primary Accession #	Q91061
UniProt Related Accession #	Q91061
GenBank Nucleotide #	NM_001200274.1
NCBI Official Full Name	ictacalcin

NCBI Official Symbol	LOC100305037
NCBI Official Synonym Symbols	S10I
UniProt Protein Name	Ictacalcin
Protein Family	Ictacalcin
NCBI Protein Information	ictacalcin
UniProt Comments for LOC100305037	Plays an important role in catfish calcium homeostasis.
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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