Keratin, Type I Cytoskeletal 18 (krt18) Protopterus Aethiopicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Keratin, type I cytoskeletal 18 (krt18), Recombinant Protein
Full Product Name	Recombinant Protopterus aethiopicus Keratin, type I cytoskeletal 18 (krt18)
Product Gene Name	krt18 recombinant protein
Product Synonym Gene Name	krt18
Sequence	YSAVSSRSTV VSSRPLSSSR SLVVSSSYPK MSTASTTYSG VASSGSRISS TRYSTIGSAL GGAGGFGTRS SLTLSGNAVI SNEKETMQDL NDRLSNYLET VRRLENANQQ LEIQIREAME KRGPSVRDYS NYEKIIKELR DQIYDTTVDN ARLVLAIDNA RLAADDFRVK WEAELAIRQS VDSDINGLRK VIDDTNLGRL QLESEIEVLK EELVFIKKNH EDEVIALRNQ VNSCGVQVDL DAPKGTDLAE IMATLRAEYE AMINKNKDDA EHWYQSKVET FQVETVQNTE ALQTAKTELS DLRRRIQSLE IELESNRSMR ASLEDTLRDT ELRYAMEMER LGALVSRIEA ELAQVRTDMQ RQAQDYEVLL NAKMKLEAEI ATYRHLLGGE DSDTLSLQDA LSAMKVSNVQ TVQKIVVTTQ KLVDGKVVED STVTETK
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	48,990 Da
Sequence Positions	2-438, 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 Q5K2N9
Species	Protopterus aethiopicus (Marbled lungfish)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for krt18 recombinant protein	MBS1330675 is a recombinant protein targeting krt18. Also known as Recombinant Protopterus aethiopicus Keratin, type I cytoskeletal 18 (krt18). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of krt18 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 krt18. It may not necessarily be applicable to this product.

NCBI GI #	82176027
NCBI Accession #	Q5K2N9.1
UniProt Primary Accession #	Q5K2N9
NCBI Official Full Name	Keratin, type I cytoskeletal 18

UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Synonym Protein Names	Cytokeratin-18; CK-18; Keratin-18; K18
Protein Family	Keratin
UniProt Gene Name	krt18
UniProt Synonym Gene Names	CK-18; K18
UniProt Comments for krt18	When phosphorylated, plays a role in filament reorganization.
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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