Keratin, Type I Cytoskeletal 18 (krt18) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Keratin, type I cytoskeletal 18 (krt18), Recombinant Protein
Full Product Name	Recombinant Danio rerio Keratin, type I cytoskeletal 18 (krt18)
Product Gene Name	krt18 recombinant protein
Product Synonym Gene Name	krt18
Sequence	SLRTSYSVRS STSQVPVSQV SIKRTTNVPT YRAASIYGGA GGQGTRISSA SYSGVRSGLG VPSMSSSIQV SASGSTGEIM GNEKMAMQNL NDRLASYLEK VRILEQANSK LELKIREALE KRGPDVHDYS RFQPIVDELR KKIFDATTNN ARLVLQIDNA RLAADDFRVK YESELSIRQG VEADITGLRK VIDDTNLNRM NLESEIEALK EELIFLKKNH DNEVMELRNQ ISQSGVQVDV DAPKGQDLSQ IMEEIRAKYE KMALKNQEEL KAWHESQITE VQVQVTQNTE ALQGARSEVN ELRRQIQTLE IELESQKNLK GSLEGTLRDT EMRYNMEIEN LNTIILQLEA ELTQLRGNIQ HQTQEYEALL NIKMKLEAEI ATYRRLLDGG DFKLQDALEE QKKVKVMTVT QTLVDGKVVS SSTETKERKL
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	48,631 Da
Sequence Positions	2-431, 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 Q7ZTS4
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for krt18 recombinant protein	MBS1334866 is a recombinant protein targeting krt18. Also known as Recombinant Danio rerio 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 #	30410758
NCBI GeneID	352912
NCBI Accession #	NP_848524.1
UniProt Primary Accession #	Q7ZTS4

UniProt Secondary Accession #	Q6P042; Q7ZT44
UniProt Related Accession #	Q7ZTS4
GenBank Nucleotide #	NM_178437.2
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18
NCBI Official Symbol	krt18
NCBI Official Synonym Symbols	cb83; dapk1; DreK18; sb:cb83; wu:fa13f02; wu:fb36b04
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Synonym Protein Names	Cytokeratin-18; CK-18; Dorsal aorta proneprin kinesin-1; DreK18; Keratin-18; K18
Protein Family	Keratin
UniProt Gene Name	krt18
UniProt Synonym Gene Names	CK-18; K18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Comments for krt18	When phosphorylated, plays a role in filament reorganization.
Research Articles on krt18	**1.** Data identify Danio rerio keratins 8/18 as the true orthologs of the human keratin pair 8/18.
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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