Keratin, Type I Cytoskeletal 42 (KRT42) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Keratin, type I cytoskeletal 42 (Krt42), Recombinant Protein
Full Product Name	Recombinant Mouse Keratin, type I cytoskeletal 42 (Krt42)
Product Gene Name	Krt42 recombinant protein
Product Synonym Gene Name	Krt42
Sequence	MASTTSVRQF STSGSVKGLC APGMGFSRMS SVRVGGACRA PSLLGGGSCG NMSVTSSRFS AGLGGGYGGG YTCSLGGGFG SSFGVSDALL GGSEKETMQN LNDRLATYLD RVRALEEANA DLEVKIREWY KKQGPGPARD YSPYFKTIED LRNKILAATI DNASIVLQID NARLAADDFR TKYETELNLR MSVEADINGL RRVLDELTLA RADLEMQIES LKEELAYLRK NHEEEMNALR GQVGGDVNVE MDAAPGVDLS RILNEMRDQY EKMAEKNRKD AEEWFFTKTE ELNREVATNT EALQSSRTEI TELRRSVQNL EIELQSQLSM KASLENSLAE TEARYGAQLA QLQGLISSVE QQLCELRCDM ERQNHEYQVL LDVKTRLEQE IATYRRLLEG EDAHLATQYS SSLASQPSRE GMVTSRQVRT IVEEVQDGKV VSSREQVHRS TH
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	50,133 Da
Sequence Positions	1-452, 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 Q6IFX2
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Krt42 recombinant protein	MBS1449521 is a recombinant protein targeting Krt42. Also known as Recombinant Mouse Keratin, type I cytoskeletal 42 (Krt42). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Krt42 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 Krt42. It may not necessarily be applicable to this product.

NCBI GI #	154090941
NCBI GeneID	68239
NCBI Accession #	NP_997648.2
UniProt Primary Accession #	Q6IFX2

UniProt Secondary Accession #	Q2M1G8; Q6SEK1; A7MAW4
UniProt Related Accession #	Q6IFX2
GenBank Nucleotide #	NM_212483.2
NCBI Official Full Name	keratin, type I cytoskeletal 42
NCBI Official Synonym Full Names	keratin 42
NCBI Official Symbol	Krt42
NCBI Official Synonym Symbols	K17n; Ka22; ecat6; 2410039E07Rik
UniProt Protein Name	Keratin, type I cytoskeletal 42
UniProt Synonym Protein Names	Cytokeratin-42; CK-42; Keratin-17n; Keratin-42; K42; Type I keratin Ka22
Protein Family	Keratin
UniProt Gene Name	Krt42
UniProt Synonym Gene Names	CK-42; K42
NCBI Protein Information	keratin, type I cytoskeletal 42
UniProt Comments for Krt42	MiscellaneousThere are two types of cytoskeletal and microfibrillar keratin: I (acidic; 40-55 kDa) and II (neutral to basic; 56-70 kDa).
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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