Rrna-Processing Protein FCF1 Homolog (FCF1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	rRNA-processing protein FCF1 homolog (FCF1), Recombinant Protein
Full Product Name	Recombinant Human rRNA-processing protein FCF1 homolog (FCF1)
Product Gene Name	FCF1 recombinant protein
Product Synonym Gene Name	FCF1
Sequence	MGKQKKTRKY ATMKRMLSLR DQRLKEKDRL KPKKKEKKDP SALKEREVPQ HPSCLFFQYN TQLGPPYHIL VDTNFINFSI KAKLDLVQSM MDCLYAKCIP CITDCVMAEI EKLGQKYRVA LRIAKDPRFE RLPCTHKGTY ADDCLVQRVT QHKCYIVATV DRDLKRRIRK IPGVPIMYIS NHRYNIERMP DDYGAPRF
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	23,370 Da
Sequence Positions	1-198, 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 Q9Y324
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FCF1 recombinant protein	MBS1334518 is a recombinant protein targeting FCF1. Also known as Recombinant Human rRNA-processing protein FCF1 homolog (FCF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FCF1 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 FCF1. It may not necessarily be applicable to this product.

NCBI GI #	7705730
NCBI GeneID	51077
NCBI Accession #	NP_057046.1
UniProt Primary Accession #	Q9Y324
UniProt Secondary Accession #	Q86TW8; Q8TBL8
UniProt Related Accession #	Q9Y324

GenBank Nucleotide #	NM_015962.4
NCBI Official Full Name	rRNA-processing protein FCF1 homolog isoform 1
NCBI Official Synonym Full Names	FCF1, rRNA-processing protein
NCBI Official Symbol	FCF1
NCBI Official Synonym Symbols	Bka; UTP24; CGI-35; C14orf111
UniProt Protein Name	rRNA-processing protein FCF1 homolog
Protein Family	dTDP-4-dehydro-6-deoxyglucose reductase
UniProt Gene Name	FCF1
UniProt Synonym Gene Names	C14orf111
NCBI Protein Information	rRNA-processing protein FCF1 homolog
UniProt Comments for FCF1	Essential protein involved in pre-rRNA processing and 40S ribosomal subunit assembly.
Research Articles on FCF1	**1.** hUTP24 inactivation leads to aberrant processing of 18S rRNA 2 nucleotides downstream of the normal A1 cleavage site.
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