Fanconi-Associated Nuclease 1 Homolog (fan-1) Caenorhabditis Briggsae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Fanconi-associated nuclease 1 homolog (fan-1), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis briggsae Fanconi-associated nuclease 1 homolog (fan-1), partial
Product Gene Name	fan-1 recombinant protein
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	100,613 Da
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 A8WZU5
Species	Caenorhabditis briggsae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fan-1 recombinant protein	MBS1130744 is a recombinant protein targeting fan-1. Also known as Recombinant Caenorhabditis briggsae Fanconi-associated nuclease 1 homolog (fan-1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fan-1 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 fan-1. It may not necessarily be applicable to this product.

NCBI GI #	306755803
NCBI Accession #	A8WZU5.2
UniProt Primary Accession #	A8WZU5
NCBI Official Full Name	Fanconi-associated nuclease 1 homolog
UniProt Protein Name	Fanconi-associated nuclease 1 homolog
UniProt Gene Name	fan-1
UniProt Comments for fan-1	Nuclease required for the repair of DNA interstrand cross-links (ICL). Acts as a 5'-3' exonuclease that anchors at a cut end of DNA and cleaves DNA successively at every third nucleotide, allowing to excise an ICL from one strand through flanking incisions.

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