Barrier-to-Autointegration Factor (banf1) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Barrier-to-autointegration factor (banf1), Recombinant Protein
Full Product Name	Recombinant Danio rerio Barrier-to-autointegration factor (banf1)
Product Gene Name	banf1 recombinant protein
Product Synonym Gene Name	banf1
Sequence	MSSTSQKHKD FVAEPMGEKS VMALAGIGEV LGKRLEEKGF DKAYVVLGQF LVLRKDEELF REWLKDTCGA NTKQQGDCYS CLREWCDSFL
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	10,228 Da
Sequence Positions	1-90, 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 Q6P026
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for banf1 recombinant protein	MBS1435865 is a recombinant protein targeting banf1. Also known as Recombinant Danio rerio Barrier-to-autointegration factor (banf1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of banf1 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 banf1. It may not necessarily be applicable to this product.

NCBI GI #	45387555
NCBI GeneID	334717
NCBI Accession #	NP_991125.1
UniProt Primary Accession #	Q6P026
UniProt Related Accession #	Q6P026
GenBank Nucleotide #	NM_205562.1

NCBI Official Full Name	barrier-to-autointegration factor
NCBI Official Synonym Full Names	barrier to autointegration factor 1
NCBI Official Symbol	banf1
NCBI Official Synonym Symbols	baf; fa01c01; zgc:77767; wu:fa01c01
UniProt Protein Name	Barrier-to-autointegration factor
Protein Family	Barrier-to-autointegration factor
UniProt Gene Name	banf1
UniProt Synonym Gene Names	baf
NCBI Protein Information	barrier-to-autointegration factor
UniProt Comments for banf1	Plays fundamental roles in nuclear assembly, chromatin organization, gene expression and gonad development. May potently compress chromatin structure and be involved in membrane recruitment and chromatin decondensation during nuclear assembly. Contains 2 non-specific dsDNA-binding sites which may promote DNA cross-bridging ().
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