F17b-G Fimbrial Adhesin (f17bG) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	F17b-G fimbrial adhesin (f17bG), Recombinant Protein
Full Product Name	Recombinant Escherichia coli F17b-G fimbrial adhesin (f17bG)
Product Gene Name	f17bG recombinant protein
Product Synonym Gene Name	f17bG
Sequence	VVSFIGSTEN DVGPSQGSYS STHAMDNLPF VYNTGYNIGY QNANVWRIGG GFCVGLDGKV DLPVVGSLDG QSIYGLTEEV GLLIWMGDTN YSRGTAMSGN SWENVFSGWC VGNYLSTQGL SVHVRPVILK RNSSAQYSVQ KTSIGSIRMR PYNGSSAGSV QTTVNFSLNP FTLNDTVTSC RLLTPSAVNV SLAAISAGQL PSSGDEVVAG TTSLKLQCDA GVTVWATLTD ATTPSNRSDI LTLTGASTAT GVGLRIYKNT DSTPLKFGPD SPVKGNENQW QLSTGTETSP SVRLYVKYVN TGEGINPGTV NGISTFTFSY Q
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	36,418 Da
Sequence Positions	23-343, 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 Q47200
Species	Escherichia coli
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for f17bG recombinant protein	MBS1312659 is a recombinant protein targeting f17bG. Also known as Recombinant Escherichia coli F17b-G fimbrial adhesin (f17bG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of f17bG 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 f17bG. It may not necessarily be applicable to this product.

NCBI GI #	218526501
NCBI Accession #	Q47200.2
UniProt Primary Accession #	Q47200
NCBI Official Full Name	F17b-G fimbrial adhesin
UniProt Protein Name	F17b-G fimbrial adhesin

Protein Family	F17b-G fimbrial adhesin
UniProt Gene Name	f17bG
UniProt Comments for f17bG	Essential fimbrial adhesion factor that mediates binding to N-acetylglucosamine-containing receptors in the host intestinal microvilli, leading to colonization of the intestinal tissue, and diarrhea or septicemia. Also confers adhesiveness to laminin and basement membranes.
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