Quaternary Ammonium Compound-Resistance Protein Qach (qacH) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Quaternary ammonium compound-resistance protein qacH (qacH), Recombinant Protein
Full Product Name	Recombinant Quaternary ammonium compound-resistance protein qacH (qacH)
Product Gene Name	qacH recombinant protein
Product Synonym Gene Name	qacH
Product Synonym Names	Recombinant Quaternary ammonium compound-resistance protein qacH (qacH); Quaternary ammonium compound-resistance protein qacH; Quaternary ammonium determinant H
Sequence	MPYLYLLLSI VSEVIGSAFL KSSDGFSKLY PTITTIISFL ICFYFLSKTM QHLPLNITYA SWAGLGLVLT TIVSVLIFKE QINLISIISI ILIIFGVVLL NTFGSSH
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	11,851 Da
Sequence Positions	1-107
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 O87868
Species	Staphylococcus saprophyticus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for qacH recombinant protein	MBS1239103 is a recombinant protein targeting qacH. Also known as Recombinant Quaternary ammonium compound-resistance protein qacH (qacH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of qacH 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 qacH. It may not necessarily be applicable to this product.

NCBI GI #	7531183
NCBI Accession #	O87868.1
UniProt Primary Accession #	O87868
NCBI Official Full Name	Quaternary ammonium compound-resistance protein QacH
UniProt Protein Name	Quaternary ammonium compound-resistance protein QacH

UniProt Synonym Protein Names	Quaternary ammonium determinant H
Protein Family	Quaternary ammonium compound-resistance protein
UniProt Gene Name	qacH
UniProt Entry Name	QACH_STASA
UniProt Comments for qacH	Function: Multidrug exporter. Is implicated for the resistance to bacteriocidal quaternary ammonium compounds. Subcellular location: Cell membrane; Multi-pass membrane protein Potential. Sequence similarities: Belongs to the small multidrug resistance (SMR) protein family.
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