Trat Complement Resistance Protein (traT) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	TraT complement resistance protein (traT), Recombinant Protein
Full Product Name	Recombinant Escherichia coli TraT complement resistance protein (traT)
Product Gene Name	traT recombinant protein
Sequence	CGAMSTAIKK RNLEVKTQMS ETIWLEPASE RTVFLQIKNT SDKDMSGLQG KIADAVKAKG YQVVTSPDKA YYWIQANVLK ADKMDLRESQ GWLNRGYEGA AVGAALGAGI TGYNSNSAGA TLGVGLAAGL VGMAADAMVE DVNYTMITDV QIAERTKATV TTDNVAALRQ GTSGAKIQTS TETGNQHKYQ TRVVSNANKV NLKFEEAKPV LEDQLAKSIA NIL
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	25,931 Da
Sequence Positions	21-243, 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 P32885
Species	Escherichia coli
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for traT recombinant protein	MBS1056709 is a recombinant protein targeting traT. Also known as Recombinant Escherichia coli TraT complement resistance protein (traT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of traT 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 traT. It may not necessarily be applicable to this product.

NCBI GI #	41057009
NCBI GeneID	2716459
NCBI Accession #	NP_957629.1
UniProt Primary Accession #	P32885
UniProt Secondary Accession #	P07177
UniProt Related Accession #	P32885

GenBank Nucleotide #	NC_005327.1
NCBI Official Full Name	conjugal transfer surface exclusion protein TraT (plasmid)
NCBI Official Symbol	traT
UniProt Protein Name	TraT complement resistance protein
Protein Family	TraT complement resistance protein
UniProt Gene Name	traT
NCBI Protein Information	conjugal transfer surface exclusion protein TraT
UniProt Comments for traT	Responsible for preventing unproductive conjugation between bacteria carrying like plasmids.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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