UPF0597 Protein GSU1527 (GSU1527) Geobacter Sulfurreducens Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0597 protein GSU1527 (GSU1527), Recombinant Protein
Full Product Name	Recombinant Geobacter sulfurreducens UPF0597 protein GSU1527 (GSU1527)
Product Gene Name	GSU1527 recombinant protein
Product Synonym Gene Name	GSU1527
Sequence	MSIYHDVIKS EVFPALGCTE PIAVAYAASL AAERLGAEVE TVTASVDPGV FKNGFAVTVP KTGGLKGNVI AAALGALIAR PELKMEILSG ADERLLAQAE LLVSSGRATV ALVKERTDLY IDVVVTGGGR TARAVLEGGH TNIVRLECDG RILLNADEPV SAVDSHAYRA VLRQMTFSEM IGLLDDLDQG DLVYLKRGVE MNLRIAEEGK QLTKVGHYVE ELVRKGFLLA DVVSSSKILT ASASDARMAG LPYPVMSSGG SGNQGIVAIL VPYNVGMFFH VPEETILRSI ALSHLVNAYI KCHTGDLAPI CGCAIAAGVG AAVAIVYQQA GPDMHKIDLA VNTIISDIGG MLCDGAKGGC ALKVVSSTDA AIRAAYMALN GHGISEEEGF VGKSAEETIH NLSRIADKGM ALVDDTMLCI MLQKRSTEP
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	45,063 Da
Sequence Positions	1-429, 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 Q74CZ2
Species	Geobacter sulfurreducens (strain 51573 / DSM 12127 / PCA)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GSU1527 recombinant protein	MBS1412945 is a recombinant protein targeting GSU1527. Also known as Recombinant Geobacter sulfurreducens UPF0597 protein GSU1527 (GSU1527). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GSU1527 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 GSU1527. It may not necessarily be applicable to this product.

NCBI GI #	39996627
NCBI GeneID	2687667
NCBI Accession #	NP_952578.1

UniProt Primary Accession #	Q74CZ2
UniProt Related Accession #	Q74CZ2
GenBank Nucleotide #	NC_002939.5
NCBI Official Full Name	hypothetical protein GSU1527
NCBI Official Symbol	GSU1527
UniProt Protein Name	UPF0597 protein GSU1527
Protein Family	UPF0597 protein
UniProt Gene Name	GSU1527
NCBI Protein Information	hypothetical protein
UniProt Comments for GSU1527	Enzyme and pathway databasesBioCyc Collection of Pathway/Genome DatabasesMore...BioCyciGSUL243231:G1G0I-1726-MONOMER.
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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