UPF0176 Protein Mgas10270_spy0776 (Mgas10270_spy0776) (MGAS10270_Spy0776) Streptococcus Pyogenes Serotype M2 Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0176 protein MGAS10270_Spy0776 (MGAS10270_Spy0776), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M2 UPF0176 protein MGAS10270_Spy0776 (MGAS10270_Spy0776)
Product Gene Name	MGAS10270_Spy0776 recombinant protein
Product Synonym Gene Name	MGAS10270_Spy0776
Sequence	MSEKIRVLLY YKYVSIENAQ EYAAKHLEFC KSIGLKGRIL IADEGINGTV SGDYETTQKY MDWVHSDERF ADLWFKIDEE NQQAFRKMFV RYKKEIVHLG LEDNNFDSDI NPLETTGEYL NPKQFKEALL DEDTVVLDTR NDYEYDLGHF RGAIRPDIRN FRELPQWVRD NKDKFMEKRV VVYCTGGVRC EKFSGWMVRE GFKDVGQLHG GIATYGKDPE VQGELWDGAM YVFDDRISVP INHVNPTVIS KDYFDGTPCE RYVNCTNPFC NKQIFASEEN ETKYVRGCSP ECRAHERNRY VQENGLSRQE WAERLEAIGE SLPEFVGA
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	38,243 Da
Sequence Positions	1-328, 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 Q1JH95
Species	Streptococcus pyogenes serotype M2 (strain MGAS10270)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MGAS10270_Spy0776 recombinant protein	MBS1423128 is a recombinant protein targeting MGAS10270_Spy0776. Also known as Recombinant Streptococcus pyogenes serotype M2 UPF0176 protein MGAS10270_Spy0776 (MGAS10270_Spy0776). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MGAS10270_Spy0776 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 MGAS10270_Spy0776. It may not necessarily be applicable to this product.

NCBI GI #	527103884
NCBI Accession #	WP_020905106.1

UniProt Primary Accession #	Q1JH95
GenBank Nucleotide #	WP_020905106.1
NCBI Official Full Name	rhodanese domain-containing protein
UniProt Protein Name	UPF0176 protein MGAS10270_Spy0776
Protein Family	UPF0176 protein
UniProt Gene Name	MGAS10270_Spy0776
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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