UPF0226 Protein Yhhs (yhhS) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0226 protein yhhS (yhhS), Recombinant Protein
Full Product Name	Recombinant Escherichia coli UPF0226 protein yhhS (yhhS), partial
Product Gene Name	yhhS recombinant protein
Sequence	MPEPVAEPAL NGLRLNLRIV SIVMFNFASY LTIGLPLAVL PGYVHDVMGF SAFWAGLVIS LQYFATLLSR PHAGRYADSL GPKKIVVFGL CGCFLSGLGY LTAGLTASLP VISLLLLCLG RVILGIGQSF AGTGSTLWGV GVVGSLHIGR VISWNGIVTY GAMAMGAPLG VVFYHWGGLQ ALALIIMGVA LVAILLAIPR PTVKASKGKP LPFRAVLGRV WLYGMALALA SAGFGVIATF ITLFYDAKGW DGAAFALTLF SCAFVGTRLL FPNGINRIGG LNVAMICFSV EIIGLLLVGV ATMPWMAKIG VLLAGAGFSL VFPALGVVAV KAVPQQNQGA ALATYTVFMD LSLGVTGPLA GLVMSWAGVP VIYLAAAGLV AIALLLTWRL KKRPPEHVPE AASSS
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	42,156 Da
Sequence Positions	1-405
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 P37621
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yhhS recombinant protein	MBS1218348 is a recombinant protein targeting yhhS. Also known as Recombinant Escherichia coli UPF0226 protein yhhS (yhhS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yhhS 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 yhhS. It may not necessarily be applicable to this product.

NCBI GI #	90111596
NCBI GeneID	947982
NCBI Accession #	NP_417930.2
UniProt Primary Accession #	P37621
UniProt Secondary Accession #	Q2M7D6

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	putative arabinose efflux transporter
NCBI Official Symbol	yhhS
NCBI Official Synonym Symbols	ECK3457; JW5945
UniProt Protein Name	Uncharacterized MFS-type transporter YhhS
Protein Family	UPF0226 protein
UniProt Gene Name	yhhS
NCBI Protein Information	putative arabinose efflux transporter
NCBI Summary for yhhS	Major Facilitator Superfamily (MFS). [More information is available at EcoGene: EG12219]. The YhhS protein is an uncharacterised member of the major facilitator superfamily (MFS) of transporters . [More information is available at EcoCyc: EG12219].
UniProt Comments for yhhS	Confers high-level resistance to glyphosate when overexpressed (PubMed:22089966). Overexpression has no effect on intracellular arabinose concentrations (PubMed:22952739).
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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