

Putative binding protein ygiS (ygiS) Recombinant Protein | ygiS recombinant protein

Recombinant Escherichia coli Putative binding protein ygiS (ygiS)

CATALOG # AAA116536	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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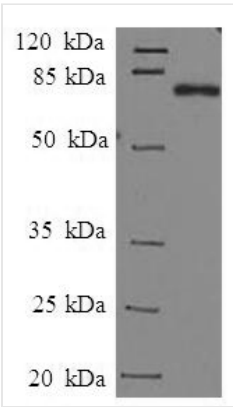
PRODUCT SYNONYMS

Putative binding protein ygiS (ygiS); Recombinant Escherichia coli Putative binding protein ygiS (ygiS); Putative binding protein ygiS; ygiS recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-535aa; Full Length of Mature Protein
Sequence	ADVPANTPLA PQQVFRYNNH SDPGTLDPOK VEENTAAQIV LDLFEGLVWM DGEGQVQPAQ AERWEILDGG KRYIFHLRSG LQWSDGQPLT AEDFVLGWQR AVDPKTASPF AGYLAQAHIN NAAAIVAGKA DVTSLGVKAT DDRTLEVTLE QPVPWFTTML AWPTLFPVPH HVIKHGDSW SKPENMVYNG AFVLDQWVVN EKITARKNPK YRDAQHTVLQ QVEYLALDNS VTGYNRYRAG EVDLTWVPAQ QIPAIEKSLP GELRIIPRLN SEYNNFNLEK PPFNDVRVRR ALYLTVDRLQ IAQKVLGLRT PATTLPPEV KGFSATTDE LQKPMSEVA MAKALLKQAG YDASHPLRFE LFYNKYDLHE KTAIALSSEW KKWLGAVTL RTMEWKTYLD ARRAGDFMLS RQSWDATYND ASSFLNLTLS DSEENVGHWK NAQYDALLNQ ATQITDATKR NALYQQAQEV INQQAPLIPI YYQPLIKLLK PYVGGFPLHN PQDYVYSKEL YIKAH
Sequence Length	515
Species	Escherichia coli (strain K12)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ygiS recombinant protein	Probably part of a deoxycholate transport system. Its expression in the presence of deoxycholate in a ygiS deletion mutant increases intracellular deoxycholate levels and decreases cell growth; higher expression in the presence of deoxycholate inhibits cell growth completely. Bile acid detergents such as deoxycholate are important for host defense against bacterial growth in the gall bladder and duodenum.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16130916
NCBI GeneID	947140
NCBI Accession #	NP_417492.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	Q46863; Q2M9I0
Molecular Weight	74.4 kDa
NCBI Official Full Name	putative ABC transporter permease
NCBI Official Symbol	ygiS
NCBI Official Synonym Symbols	ECK3011; JW2988
NCBI Protein Information	putative ABC transporter permease
UniProt Protein Name	Putative binding protein YgiS
UniProt Gene Name	ygiS
UniProt Entry Name	YGIS_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ygis-recombinant-protein-e-coli/116536>