

Phosphoheptose isomerase (gmhA) Recombinant Protein | gmhA recombinant protein

Recombinant Escherichia coli Phosphoheptose isomerase (gmhA)

CATALOG # AAA115363	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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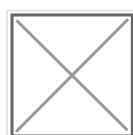
PRODUCT SYNONYMS

Phosphoheptose isomerase (gmhA); Recombinant Escherichia coli Phosphoheptose isomerase (gmhA); Phosphoheptose isomerase; EC=5.3.1.28; Sedoheptulose 7-phosphate isomerase; gmhA 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	1-192aa; Full Length
Sequence	MYQDLIRNEL NEAAETLANF LKDDANIHAI QRAAVLLADS FKAGGKVLSC GNGGSHCDAM HFAEELTGRY RENRPGYPAI AISDVSHISC VGNDFGFNDI FSRVVEAVGR EGDVLLGIST SGNSANVIKA IAAAREKGMK VITLTGKDGG KMAGTADIEI RVPHFGYADR IQEIHKVIH ILIQLIEKEM VK
Sequence Length	192
Species	Escherichia coli (strain K12)
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 gmhA recombinant protein	Catalyzes the isomerization of sedoheptulose 7-phosphate in D-glycero-D-manno-heptose 7-phosphate.
Product Categories/Family for gmhA recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128208
NCBI GeneID	949134
NCBI Accession #	NP_414757.1
NCBI GenBank Nucleotide #	NC_000913.3

UniProt Accession #	P63224; P51001
Molecular Weight	36.8 kDa
NCBI Official Full Name	D-sedoheptulose 7-phosphate isomerase
NCBI Official Symbol	gmhA
NCBI Official Synonym Symbols	ECK0223; isn; JW0212; lpcA; tfrA; yafI
NCBI Protein Information	D-sedoheptulose 7-phosphate isomerase
UniProt Protein Name	Phosphoheptose isomerase
UniProt Gene Name	gmhA
UniProt Synonym Gene Names	lpcA; tfrA; yafI
UniProt Entry Name	GMHA_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://stage.aaabiotech.com/gmha-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115363>