Transposase Insd for Insertion Element IS2I (insD5) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transposase insD for insertion element IS2I (insD5), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Transposase insD for insertion element IS2I (insD5)
Product Gene Name	insD5 recombinant protein
Sequence	MDSARALIAR GWGVSLVSRC LRVSRAQLHV ILRRTDDWMD GRRSRHTDDT DVLLRIHHVI GELPTYGYRR VWALLRRQAE LDGMPAINAK RVYRIMRQNA LLLERKPAVP PSKRAHTGRV AVKESNQRWC SDGFEFCCDN GERLRVTFAL DCCDREALHW AVTTGGFNSE TVQDVMLGAV ERRFGNDLPS SPVEWLTDNG SCYRANETRQ FARMLGLEPK NTAVRSPESN GIAESFVKTI KRDYISIMPK PDGLTAAKNL AEAFEHYNEW HPHSALGYRS PREYLRQRAC NGLSDNRCLE I
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	34,398 Da
Sequence Positions	1-301, 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 P0CF57
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for insD5 recombinant protein	MBS1238006 is a recombinant protein targeting insD5. Also known as Recombinant Escherichia coli Transposase insD for insertion element IS2I (insD5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of insD5 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 insD5. It may not necessarily be applicable to this product.

NCBI GI #	9507733
NCBI GeneID	1263540
NCBI Accession #	NP_061399.1
UniProt Primary Accession #	P0CF57
UniProt Secondary Accession #	P0C5W4; P19777; P76167; P76916; P77033; Q79EJ0
UniProt Related Accession #	P0CF53; P0CF54; P0CF55; P0CF56; P0CF57; P0CF58; P0CF59

GenBank Nucleotide #	NC_002483.1
NCBI Official Full Name	ybhB (plasmid)
NCBI Official Symbol	ybhB
UniProt Protein Name	Transposase InsD for insertion element IS2I
Protein Family	Transposase InsD for insertion element
UniProt Gene Name	insD5
NCBI Protein Information	ybhB
UniProt Comments for insD5	Involved in the transposition of the insertion sequence IS2.
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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