Recombinant Lachnoclostridium Phytofermentans Isdg Nigerose phosphorylase, His-tagged

Cat. No. Nigerose phosphorylase-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Lachnoclostridium Phytofermentans Isdg Nigerose phosphorylase with C-terminal His6 fusion tag was expressed in E. coli.
Species	Lachnoclostridium phytofermentans
Source	E.coli
ProteinLength	759
Description	Catalyzes the reversible phosphorolysis of nigerose. Also shows a weak activity on kojibiose.
Form	Buffered aqueous solution
Molecular Mass	88 kDa
AA Sequence	MNWTLTNSSLDKDSITSNGNRFLIGNGYLGIRGTLEEYRKEYFPAINLAGIYDQVGEG WREPLNAPNALYTRIEVDEVEYQLPKIEPRYHELSLDYRHGILDRQTVWASNKGTIIV KSSRFASMKEKHLVVLNYSITADYDCEIIVYTGIDGSVWDIHGPHYDKVEFQKQLLRH NETEILNEKYLLESESKWNGHRLSIAAQTHENKDIVYVTEDIICNKEAKIELIESDKECL RKLTFHGKAKEEINFTKYITVFTSKDCVDYKEQSIKIVNHAKDTGYERLQEEHKNVWE QLWNISEVTIEGDDEANDALNYSLYHLHCIAPRHSKSLSIAARGLSGQTYKGAVFWD TEMFMLDFFLYTQPEVAKTLLRYRIDTLEGAKKKAKLYGYEGAFYAWESQEGGYDA CSDYNVTDVFTKRPMRTYFKDKQVHISSAIVYGIRSYLNYTNDFSILAEGGAETILECA

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	KFYYSLLEKKIGKEYYEIHDVIGPDEYHERVNNNAYTNRMAKLTFETAIDILDHEKNKD EEFYIKLLKQYEIKDLLDKLKDACNKLYIPKPKDNSDLIEQFDGFFELEDVSLEEVRSR LLHEKEYWGGAYGVASHTQVIKQADVVTMLVLFKEEYQREVLQQNLNYYEPRTEHG SSLSACMYSLLYCMCDQPQYAYPFFMKSALADWNGKGKEWAGLVYIGGTHPAAAG GAYMTAIKGFGGFQIENGVIKATPRLPKHWVRLKYRVLYQGAIYEIDASKEQVSISKIE MHHHHHH
Purity	>90% by SDS-PAGE
Applications	ELISA
Storage	Store it under sterile conditions at -20 to -80 ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.76 mg/ml
Storage Buffer	Solution in 50mM Tris(pH7.5), 300mM NaCl

GENE INFORMATION

Gene Name	Nigerose phosphorylase
Official Symbol	Nigerose phosphorylase
Synonyms	Nigerose phosphorylase
Gene ID	CP000885.1
mRNA Refseq	CP000885.1
Protein Refseq	A9KT32.1

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UniProt ID	A9KT32

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