

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 WREPLNAPNALYTRIEVDEVEYQLPKIEPRYHELSDYRHGILDRQTVWASNKGTIIV KSSRFASMKEKHLVVLNYSITADYDCEIIVYTGIDGSVWDIHGPHYDKVEFQKQLLRH NETEILNEKYLLESESKWNGHRLSIAAQTHENKDIVYVTEDIICNKEAKIELIESDKECL RKLTFHKGAKKEEINFTKYITVFTSKDCVDYKEQSIKIVNHAKDTGYERLQEEHKNVWE QLWNISEVTIEGDDEANDALNYSLYHLHCIAPRHSKSLSIAARGLSGQTYKGAVFWD TEMFMLDFFLYTQPEVAKTLLRYRIDTLEGAKKKAKLYGYEGAFYAWESQEGGYDA CSDYNVTDVFTKRPMRTYFKDKQVHISSAIVYGIRSYLNYTNDFSILAEGGAETILECA

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KFYYSLLEKKIGKEYYEIHDVIGPDEYHERVNNNAYTNRMALTFETAIDILDHEKNKD
EEFYIKLLKQYEIKDLLDKLDACNKLYIPKPKDNSDLIEQFDGFFELEDVSLEEVRSR
LLHEKEYWGGAYGVASHTQVIKQADVVTMLVLFKEEYQREVLQQNLNYYEPRTEHG
SSLSACMYSLLYCMCDQPQYAYPFFMKALADWNGKGKEWAGLVYIGGTHPAAAG
GAYMTAIGFGGFQIENGVIKATPRLPKHWVRLKYRVLYQGAIYEIDASKEQVSISKIE
MHHHHHH

Purity >90% by SDS-PAGE

Applications ELISA

Storage Store it under sterile conditions at -20 to -80 °C. 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

SDS-PAGE



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