

Datasheet for ABIN7590414

N-Glycanase 1 Protein (NGLY1) (AA 2-651) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	N-Glycanase 1 (NGLY1)
Protein Characteristics:	AA 2-651
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This N-Glycanase 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASATLGSSSS SSASPAVAEL CQNTPETFLE ASKLLLT YAD NILRNPSDEK YRSIRIGNTA FSTRLLPVRG AVECLFEMGF EEGETHLIFP KKASVEQLQK IRDLIAVERR SRLDGSSQKV EFSQHPAAVR LPAEQPEDPT GLMQHSGNQP GQPLSLPSAP LVVG DSTIFK VLQSNIQHVQ LYENPVLQEK ALACIPVNEL KRKSQEKLFR ARKLDKGTKV SDED FLLLEL LHWFKEEFFH WNNVVC SRC GRETRSRDEA LPPNDDELKW GAKNVEDHYC DACQLSNRFP RYNNPEKLL E TRCGRCGEWA NCFTLCCRAL GFEARYVWDY TDHVWTEVYS PSQQRWLHCD ACEDVCDKPL LYEIGWGKKL SYIAFSKDE VVDVTWRYSC KHEEVMSRRT KVKEELLRET INGLNKQRQL LLSERRKEL LQRIIVELVE FISP KTPRPG ELGGRVSGSL AWRVARGETC LERKEILFIP SENEKISKQF HLR YDIVRDR YIRVSDNNAN ISGWENG VWK MESIFRKVEK DWNMVYLARK EGSSFAYISW KFECGSAGLK VDNVSIRTSS QSFETG SVRW KLRSEMAQVN LLGDRNLSY DDFCGATEVT LEAELSRGDG DVAWQHTQLF RQSLNDHAEN GLEIIITFSD L
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	N-Glycanase 1 (NGLY1)
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Alternative Name:	Peptide-N (4)- (N-acetyl-beta-glucosaminy)asparagine amidase (Ngly1) (NGLY1 Products)
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Background:	Recommended name: Peptide-N(4)-(N-acetyl-beta-glucosaminy)asparagine amidase. Short name= PNGase. EC= 3.5.1.52. Alternative name(s): N-glycanase 1 Peptide:N-glycanase
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UniProt:	Q5XI55
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Pathways:	Cell RedoxHomeostasis , SARS-CoV-2 Protein Interactome
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.