



# Recombinant Rat Peptide-N (4)- (N-acetyl-beta-glucosaminyl)asparagine amidase (Ngly1)

<b>Product Code</b>	CSB-EP716830RA
<b>Abbreviation</b>	Ngly1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5XI55
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ASATLGSSSS SSASPAVAEL CQNTPETFLE ASKLLLTYAD NILRNPSDEK YRSIRIGNTA FSTRLLPVRG AVECLFEMGF EEGETHLIFP KKASVEQLQK IRDLIAVERR SRLDGSSQKV EFSQHPAAVR LPAEQPEDPT GLMQHSGNQP GQPLSLPSAP LVVGDSTIFK VLQSNIQHVQ LYENPVLQEK ALACIPVNEL KRKSQEKLFR ARKLDKGTKV SDEDFLLEL LHWFKEEFFH WNNVVCSCRC GRETRSRDEA LPPNDDELKW GAKNVEDHYC DACQLSNRFP RYNNPEKLL TRCGRCGEWA NCFTLCCRAL GFEARYVWDY TDHVWTEVYS PSQQRWLHCD ACEDVCDKPL LYEIGWGKKL SYIIAFSKDE VVDVTWRYSC KHEEVMSRRT KVKEELLRET INGLNKQRQL LLESERRKEL LQRIIVELVE FISPKTPRPG ELGGRVSGSL AWRVARGETC LERKEILFIP SENEKISKQF HLRYDIVRDR YIRVSDNNAN ISGWENGVWK MESIFRKVEK DWNMVYLARK EGSSFAYISW KFECGSAGLK VDNVSIRTSS QSFETGSVRW KLRSEMAQVN LLGDRNLRYS DDFCGATEVT LEAELSRGDG DVAWQHTQLF RQSLNDHAEN GLEIIITFSD L
<b>Source</b>	E.coli
<b>Target Names</b>	Ngly1
<b>Protein Names</b>	Recommended name: Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase Short name= PNGase EC= 3.5.1.52 Alternative name(s): N-glycanase 1 Peptide:N-glycanase
<b>Expression Region</b>	2-651
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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