

Recombinant Full Length Bovine N-Acetylglucosamine-1-Phosphodiester Alpha-N-Acetylglucosaminidase(Nagpa) Protein, His-Tagged

Cat. No. RFL21570BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase(NAGPA) Protein (P68827) (25-527aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length of Mature Protein (25-527)
Form	Lyophilized powder
AA Sequence	DFGSGASRDDDVLPPYSRARARLARDCTRVHAGRLEHHESWPPAAQTAGAHRPSV RTFVSFADRAVPGHLTRAPEPLRTFSVLEPGGPGGCASKRRATVEETARPSGCTV AQNGGFFRMETGECLGNVVSGRRVSSAGGLQNAQFGIRRDGTLVTGYLSEEEVL DTENPFVQLLSGVVWLIRNGSIYINESQAAECEETQETGSFNRFVNVISARTAVGHD RKGQLVLLHVDGQTEQRGINLWEMAEFLKQDVVNAINLDGGGSATFVLNGLTASY PSDHCQDNMWRCPRRVSTVVCVHEPRCQPPDCSGHGTCMEGRCQCTGHFWRG AACDKLDCGPANCSQHGLCTETGCRCEAGWTGSNCSEECPLGWYGPQCQSPCK CEHQCPCDPQTGNCSVNWSPTLSSLFSRVKECFPPPEVTVQAEELSLLTRTTWLAI TLALAFLLLISTAANVSLFLGSRAARRRHLDGAYVYHPLQEVNGEHPAAEKEQLGDS SNPFKD

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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.

GENE INFORMATION

Gene Name	NAGPA
Synonyms	NAGPA; N-acetylglucosamine-1-phosphodiester alpha-N-acetylglucosaminidase; Mannose 6-phosphate-uncovering enzyme; Phosphodiester alpha-GlcNAcase
UniProt ID	P68827

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