

N-Acetyl Alpha-D-Glucosaminidase (NAGLU) Recombinant Protein | NAGLU recombinant protein

Recombinant N-Acetyl Alpha-D-Glucosaminidase (NAGLU)

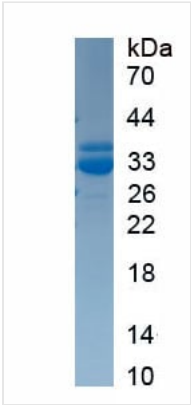
CATALOG # AAA152169	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

N-Acetyl Alpha-D-Glucosaminidase (NAGLU); Recombinant N-Acetyl Alpha-D-Glucosaminidase (NAGLU); NAGLU/N-Acetyl Alpha-D-Glucosaminidase; NAG; UFHSD1; NAGLU; Sanfilippo Disease IIIB; N-Acetylglucosaminidase; Alpha; NAGLU recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Arg429~Lys 710
Applicable Applications for NAGLU recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	6.5
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Sequence

RLFPNSTHWGTGIAPEGTGQNEVVYALMAELQMRKDPDLPMAWVSSFAIRRYQVSDPAVAMKLLRSVYVNCSEACSGHRSPLV
KRPSLQSTAVVYNSDVFEMRLLLTAAPHILTSFAFRYDLDVTRQAVQELVSLCYEEARTAYLKQELDLLRAGGLLVYKLLPTL
DELLASSHIFLLGTLDDAKAAVSEAEQFYEQNSRYQITLWGPEGNTLDYANKLAGLVADYYQPRKCLFLGTLAHSARGVPPFQ
HEFEKIVFPLEQAEVYIK

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for NAGLU recombinant protein	Enzyme & Kinase; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254910995
NCBI GeneID	27419
NCBI Accession #	NP_038820.2
NCBI GenBank Nucleotide #	NM_013792.2
UniProt Accession #	O88325
Molecular Weight	82,596 Da
NCBI Official Full Name	alpha-N-acetylglucosaminidase
NCBI Official Synonym Full Names	alpha-N-acetylglucosaminidase (Sanfilippo disease IIIB)
NCBI Official Symbol	Naglu
NCBI Protein Information	alpha-N-acetylglucosaminidase
UniProt Protein Name	Alpha-N-acetylglucosaminidase
UniProt Gene Name	Naglu

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/naglu-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152169>