

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

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

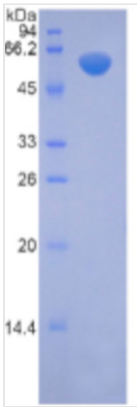
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20236	E.coli	Mus musculus (Mouse)	SDS-Page, Western Blot

PRODUCT SYNONYMS

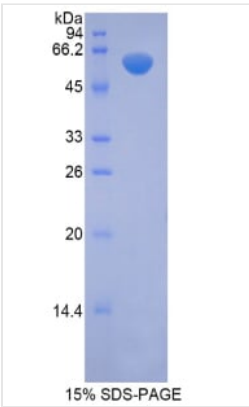
N-Acetyl Alpha-D-Glucosaminidase (NAGLU); Recombinant N-Acetyl Alpha-D-Glucosaminidase (NAGLU); NAGLU recombinant protein

PRODUCT SPECIFICATIONS

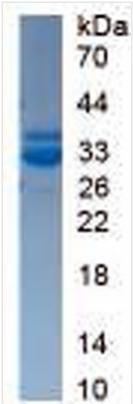
Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Applicable Applications for NAGLU recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Arg429~Lys710
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



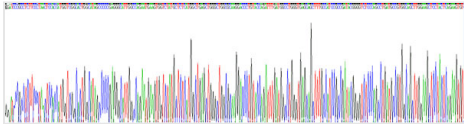
SDS-PAGE



SDS-PAGE



SDS-PAGE



Gene Sequencing (Extract)

RLFPNSTHVGTLAPEGIGQNE
VVYALMAELGWRKDPVPDLM
AWVSSFARRYGVSQPDAVA
AWKLLRSVYNCSGEACSGH
NRSPLVKRPSLQMSTAVWYN
RSDVFEAHRLLLTAAPNLTT
SPAFRYDLLDVTRQAVQELV
SLCYEEARTAYLKQELDLLL
RAGGLLVYKLLPTLDELLAS
SSHFLGLTWDQARKAAVSE
AEAQFYEQNSRYQITLWGPE
GNILDYANKQLAGLVADYYQ
PRWCLFLGTLAHSARGVPF
QQHEFEKNVFPLEQAFVYNK

Sequence Information

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	Predicted Molecular Mass: 35.5kDa Accurate Molecular Mass: 33&35kDa as determined by SDS-PAGE reducing conditions.
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; N-acetyl-glucosaminidase; alpha-N-acetylglucosaminidase, lysosomal
UniProt Protein Name	Alpha-N-acetylglucosaminidase

UniProt Gene Name	Naglu
UniProt Entry Name	O88325_MOUSE

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-positive-control-immunogen-sds-page-wb-western-blot/20236>