

NAGA recombinant protein

NAGA, 18-411aa, Human, His tag, Baculovirus

CATALOG # AAA48927	HOST Baculovirus	APPLICATIONS SDS-Page
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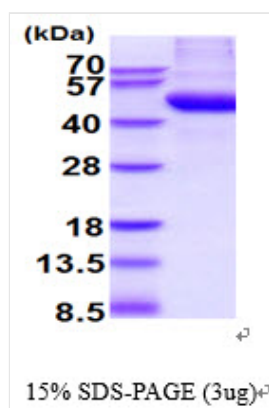
PRODUCT SYNONYMS

NAGA; 18-411aa; Human; His tag; Baculovirus; Alpha-N-acetylgalactosaminidase; D22S674; GALB; Acetylgalactosaminidase; alpha N (alpha galactosidase B); Alpha galactosidase B; Alpha N acetylgalactosaminidase; N acetylgalactosaminidase; alpha; NAGA recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	LDNGLLQTPP MGWLAWERFR CNINCEDDPK NCISEQLFME MADRMAQDGW RDMGYTYLNI DDCWIGGRDA SGRLMPDPKR FPHGIPFLAD YVHSLGLKLG IYADMGNFTC MGYPGTTLDK VVQDAQTFAE WKVDMLKLDG CFSTPEERAQ GYPKMAAALN ATGRPIAFSC SWPAYEGGLP PRVNYSLAD ICNLWRNYDD IQDSWWSVLS ILNWFVEHQD ILQPVAGPGH WNDPDMLLIG NFGLSLEQSR AQMALWTVLA APLLMSTDRL TISAQNMDIL QNPLMIKINQ DPLGIQGRRI HKEKSLIEVY MRPLSNKASA LVFFSCRTDM PYRYHSSLGQ LNFTGSIYE AQDVYSGDII SGLRDETNET VIINPSGVVM WYLYPIKNLE MSQQHHHHHH
Sequence Length	411
Applicable Applications for NAGA recombinant protein	SDS-PAGE
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for NAGA recombinant protein	NAGA, also known as alpha-N-acetylgalactosaminidase, is a lysosomal exoglycosidase that cleaves terminal alpha-N-acetylgalactosamine residues from glycopeptides and glycolipids. It is hardly expected to cause an allergic reaction in Fabry disease patients. It is highly promising as a new and safe enzyme for ERT for Fabry disease. Recombinant human NAGA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for NAGA recombinant protein	Metabolism; Signal Transduction
References	Clark NE., et al. (2009) J Mol Biol. 393:435-447.; Tajima Y., et al. (2009) Am J Hum Genet. 85:569-580.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557781
NCBI GeneID	4668
NCBI Accession #	NP_000253
NCBI GenBank Nucleotide #	NM_000262.2
UniProt Accession #	P17050
Molecular Weight	45.5kDa (400aa)
NCBI Official Full Name	alpha-N-acetylgalactosaminidase
NCBI Official Synonym Full Names	alpha-N-acetylgalactosaminidase
NCBI Official Symbol	NAGA
NCBI Official Synonym Symbols	GALB; D22S674
NCBI Protein Information	alpha-N-acetylgalactosaminidase
UniProt Protein Name	Alpha-N-acetylgalactosaminidase
UniProt Gene Name	NAGA

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/naga-recombinant-protein-baculovirus-sds-page/48927>