

Datasheet for ABIN6387829  
**NAGA Protein (AA 18-411) (His tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	NAGA
Protein Characteristics:	AA 18-411
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NAGA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	LDNGLLQTPP MGWLAWERFR CNINCDEDPK NCISEQLFME MADRMAQDGW RDMGYTYLNI DDCWIGGRDA SGRLMPDKR FPHGIPFLAD YVHSLGLKLG IYADMGNFTC MGYPGTTLDK VVQDAQTF AE WKVDMLKLDG CFSTPEERAQ GYPKMAAALN ATGRPIAFSC SWPAYEGGLP PRVNYSLLAD ICNLWRNYDD IQDSWWSVLS ILNWFVEHQD ILQPVAGPGH WNDPDMLLIG NFGLSLEQSR AQMALWTVLA APLLMSDLDL TISAQNMDIL QNPLMIKINQ DPLGIQGRRI HKEKSLIEVY MRPLSNKASA LVFFSCRTDM PYRYHSSLGQ LNFTGSIYE AQDVYSGDII SGLRDETNFT VIINPSGVVM WYLYPIKNLE MSQQRHHHHHH
Purity:	> 90 % by SDS - PAGE.
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

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Target:	NAGA
Alternative Name:	NAGA ( <a href="#">NAGA Products</a> )
Background:	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.
Molecular Weight:	45.5kDa (400aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_000253</a>
UniProt:	<a href="#">P17050</a>

## Application Details

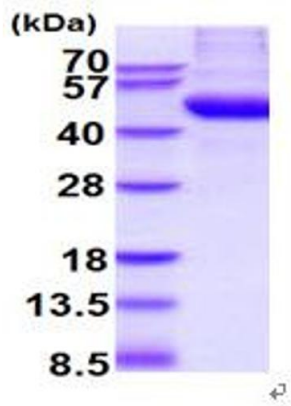
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)<sup>†</sup>

### SDS-PAGE

Image 1.