

Product datasheet

Recombinant Human N acetylglucosamine kinase protein ab124563

1 Image

Overview

Product name	Recombinant Human N acetylglucosamine kinase protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q9UJ70
Species	Human
Sequence	<p>MGSSHHHHHH SSSLVPRGSH MGSMAAIYGG VEGGGTRSEV LLVSEDGKIL AADGLSTNH WLIGHTKCV RINEMVNRK RKAGVDPLVP LRSLGLSLSG GDQEDAGRIL IEELRDRFPY LSESYLITTD AAGSIATATP DGGVVLISGT GSNCRLINPD GSESGCGGWG HMMGDEGSAY WIAHQAVKIV FDSIDNLEAA PHDIGYVKQA MFHYFQVPDR LGILTHLYRD FDKCRFAGFC RKIAEGAQQG DPLSRYIFRK AGEMLRHIV AVLPEIDPVL FQGKIGLPIL CVGSVWKSWE LLKEGFLAL TQGREIQAQN FFSSFTLMKL RHSSALGGAS LGARHIGHLL PMDYSANAIA FYSYTF</p>
Molecular weight	40 kDa including tags
Amino acids	1 to 344
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab124563** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
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Mass Spectrometry

Mass spectrometry

MALDI-TOF

Purity

> 95 % SDS-PAGE.

Purified using conventional chromatography techniques.

Form

Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.03% DTT, 0.32% Tris HCl, 20% Glycerol, 1.16% Sodium chloride

General Info

Function

Converts endogenous N-acetylglucosamine (GlcNAc), a major component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate. Also has ManNAc kinase activity.

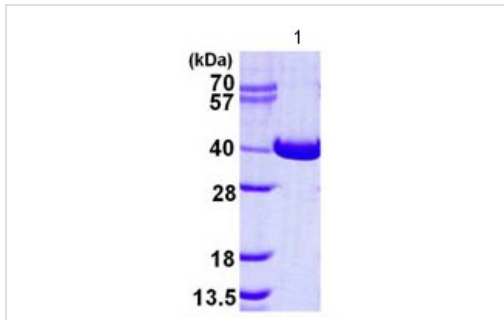
Tissue specificity

Ubiquitous.

Sequence similarities

Belongs to the eukaryotic-type N-acetylglucosamine kinase family.

Images



ab124563 (3µg) visualised by SDS-PAGE (15%).

SDS-PAGE - Recombinant Human N
acetylglucosamine kinase protein (ab124563)

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