

Product datasheet

Recombinant Human Visfatin protein ab63275

1 Image

Overview

<b>Product name</b>	Recombinant Human Visfatin protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli

Amino Acid Sequence

<b>Species</b>	Human
<b>Sequence</b>	<a href="#">MDYKDDDDKA</a> S PPNTSKVYS YFECREKKTE NSKLRKVKYE ETVFYGLQYI LNKYLK GKVV TKEKIQEAKD VYKEHFQDDV FNEKGWNYIL EKYDGHLP I EIKAVPEGFVI PRGNVLF TVE NTDPECYWLT NWIETLVQS WYPITVATNS REQKKILAKY LLETSGNLDG LEYKLHDFGY RGVSSQETAG IGASAHLVNF KGTDTVAGLA LIKYYGTKD PVPGYSPAA EHSTITAWGK DHEKDAFEHI VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL RHLVSRSTQ APLIIRPDSG NPLD TVLKVL EILGKKFPVT ENSKGYKLLP PYLRVIQGDG VDINTLQE
<b>Amino acids</b>	27 to 363

Specifications

Our [Abpromise guarantee](#) covers the use of **ab63275** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Form</b>	Lyophilised
<b>Additional notes</b>	Product is NOT sterile! Please filter the product by an appropriate sterile filter before using it in

cell culture.

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Preservative: None

Constituents: 20mM Sodium chloride, 20mM Tris, pH 7.5

### Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

## General Info

### Function

Catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, an intermediate in the biosynthesis of NAD. It is the rate limiting component in the mammalian NAD biosynthesis pathway.

### Tissue specificity

Expressed in large amounts in bone marrow, liver tissue, and muscle. Also present in heart, placenta, lung, and kidney tissues.

### Pathway

Cofactor biosynthesis; NAD(+) biosynthesis; nicotinamide D-ribonucleotide from 5-phospho-alpha-D-ribose 1-diphosphate and nicotinamide: step 1/1.

### Sequence similarities

Belongs to the NAPRTase family.

### Cellular localization

Cytoplasm.

## Images



SDS-PAGE - PBEF protein (Tagged) (ab63275)

### LANES:

1. MW marker – 14, 21, 31, 45, 66, 97 kDa

2. reduced and heated sample, 5µg/lane

3. non-reduced and non-heated sample,  
5µg/lane

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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