



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Data Sheet

NMNAT1, His-Tag

Human, Recombinant, N-terminal His-tag
Catalog #: 71090
Lot#: 170724-2 **Conc.:** 2.09 mg/ml

Formulated in: 40mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 20 mM-250 mM Imidazole and 20% glycerol.

Stability: At least 6 months at -80°C. Avoid freeze/thaw cycles. Protein may be diluted to ≥ 100 µg/ml in PBS + glycerol and stored at -80°C.

References:

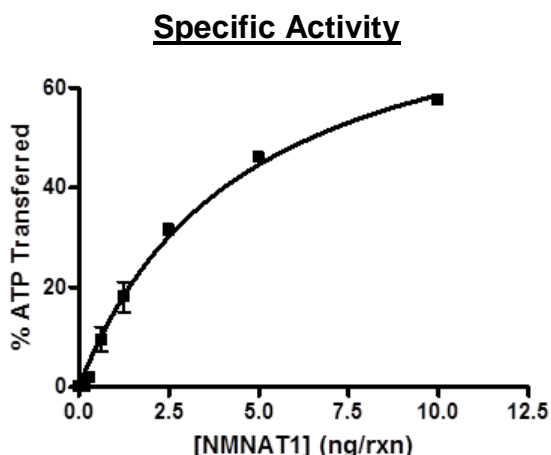
1. Kaplan, J., *et al.*, *Med Sci (Paris)*. 2013; **29(1)**:26-27
2. Chiang, P.W., *et al.*, *Nat Genet*. 2012; **44(9)**:972-974

Description: Human nicotinamide nucleotide adenylyltransferase 1, also known as NMNAT1, (GenBank Accession No. NM_022787), a.a. 2-279 with N-terminal His-tag, MW = 33 kDa, expressed in an *E. coli* cell expression system.

Specific Activity: ≥23,000 pmol/min/µg
Assay Conditions: The reaction mixture contained 40 mM Tris-HCl, pH 7.4, 20 mM MgCl₂, 0.1 mg/mL BSA, 2 mM DTT, 0.1 mM NMN, 0.1 mM ATP, and various amount of NMNAT in a final volume of 50 µL. The reaction was incubated at 37 °C for 30 min, and the amount of ATP consumed was calculated using kinase-glo plus reagent (Promega).

Application: Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

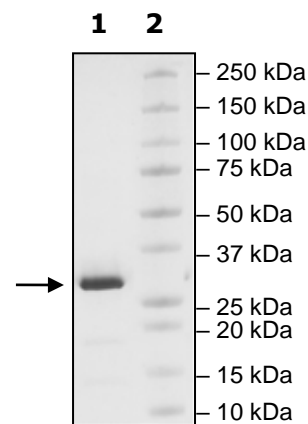


4-20% SDS-PAGE
Coomassie staining

Lane 1:
2 µg NMNAT1

Lane 2:
Protein Marker

MW: 33 kDa
Purity: ≥90%



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**
 Or you can Email us at: info@bpsbioscience.com
 Please visit our website at: www.bpsbioscience.com



6042 Cornerstone Court West, Suite B
San Diego, CA 92121
Tel: 1.858.829.3082
Fax: 1.858.481.8694
Email: info@bpsbioscience.com

Sequence:

MHHHHHHENSEKTEVVLLACGSFNPITNMHLRLFELAKDYMNGTGRYTVVKGIISPVGD
AYKKKGLIPAYHRVIMAEELATKNSKWVEVDTWESLQKEWKETLKVLRHHQEKLEASDC
DHQQNSPTLERPGRKRKWTETQDSSQKKSLEPKTKAVPKVKLLCGADLLESFAVPL
WKSEDIQIVANYGLICVTRAGNDAQKFIYESDVLWKHRSNIHVVNEWIANDISSTKIRRA
LRRGQSIRYLVPDLVQEYIEKHNLYSSESEDRNAGVILAPLQRNTAEAKT

OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

To place your order, please contact us by Phone **1.858.829.3082** Fax **1.858.481.8694**
Or you can Email us at: info@bpsbioscience.com
Please visit our website at: www.bpsbioscience.com