



# SZABO SCANDIC

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Data Sheet

### NMNAT2, His-Tag

Human, Recombinant, N-terminal His-tag  
**Catalog #:** 100198  
**Lot#:** 180925-1      **Conc.:** 0.41 mg/ml

**Formulated in:** 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 20% glycerol, 3mM DTT, 375 mM imidazole

**Stability:** At least 6 months at -80°C. Avoid freeze/thaw cycles.

**References:**

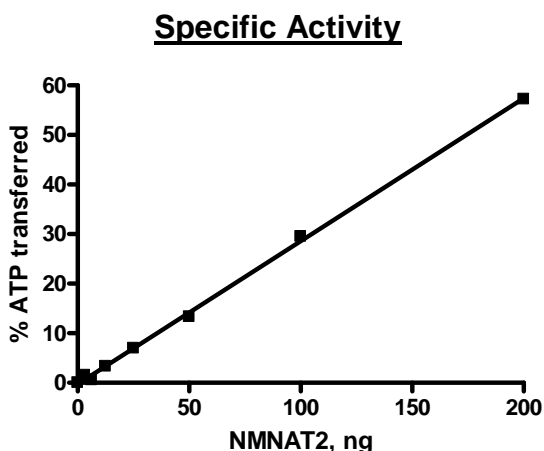
1. Yan, T., *et al.*, *NCl*. 2010; **56(1)**: 101-106.
2. Ljungberg, M. *et al.*, *Human Molecular Genetics*. 2011; **21(2)**: 251-267.

**Description:** Human nicotinamide nucleotide adenylyltransferase 2, also known as NMNAT2, (GenBank Accession No. NM\_015039), a.a. 2-307 (end) with N-terminal His-tag, MW = 33 kDa, expressed in an *E. coli* cell expression system.

**Specific Activity:** >350 pmol/min/μg  
**Assay Conditions:** T50 mM Tris/HCl, pH 7.4, 5 mM MgCl<sub>2</sub>, 0.05% Tween-20, 0.1 mM NMN, 0.1mM ATP, and NMNAT2 (3.2 – 200ng) in a final volume of 50 μL. The reaction was incubated for 30 min at 37°C. The amount of ATP consumed was calculated using Kinase-Glo plus reagent (Promega).

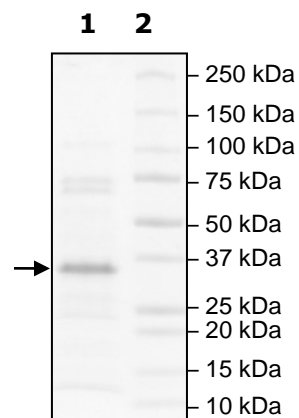
**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

### Quality Assurance



**4-20% SDS-PAGE  
 Coomassie staining**

**Lane 1:**  
 NMNAT2  
**Lane 2:**  
 Protein Marker  
**Purity:** ≥58%  
**MW:**  
 35 kDa



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