



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

Aurora A Protein Kinase, His-Tag

Human, Recombinant, N-terminal His-tag
Catalog #: 100112
Lot#: 180622-3 **Conc.:** 0.12 mg/ml

Formulated in: 40 mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 200mM Imidazole, 20% glycerol, and 3 mM DTT.

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

References:

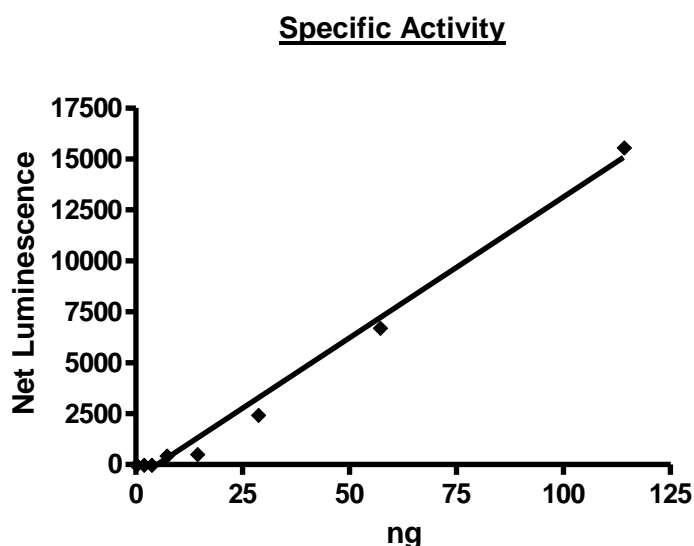
1. Ouchi, M. *et al.*, *J. Biol Chem.* **279** (19), 19643-19648 (2004).
2. Kunitoku, N. *et al.*, *Dev. Cell* **5**(6), 853-864 (2003).

Description: Human Aurora kinase A also known as, AURKA, Serine/Threonine-Protein Kinase Aurora-A, and Breast Tumor-Amplified Kinase, GenBank Accession No. NM_003600, a.a. 2-403 (end) with N-terminal His-tag, expressed in a HEK 293 cell expression system. MW = 46 kDa.

Specific Activity: 45 pmole/min/ μg .
Assay Conditions: Assay was done in Kinase buffer containing 2 mM DTT using KEMPTide substrate (0.2 mg/ml) and 10 μM ATP. Reaction was done at 30°C for 45 min. Amount of ATP transferred was calculated using ADP-Glo reagent.

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

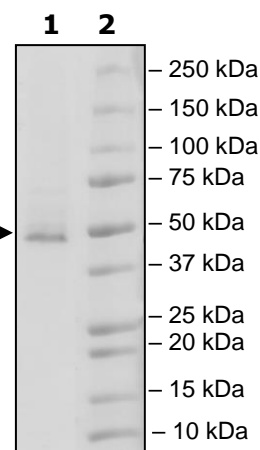
Quality Assurance



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

Lane 1:
2 μg Aurora A
Lane 2:
Protein Marker

MW: 46 kDa
Purity: $\geq 75\%$



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

To place your order, please contact us by Phone **1.858.202.1401** Fax **1.858.481.8694**
 Or you can Email us at: info@bpsbioscience.com
 Please visit our website at: www.bpsbioscience.com