



# 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

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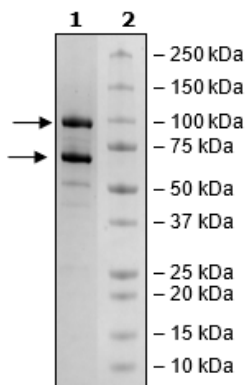
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Product Information

<b>Construct:</b>	CDK12 (GST-696-1082) / CyclinK (GST-2-580(end))
<b>Concentration:</b>	0.33 mg/ml
<b>Species:</b>	Human
<b>Formulated In:</b>	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 20% glycerol, and 3 mM DTT
<b>Expression System:</b>	Sf9
<b>Format:</b>	Aqueous buffer solution
<b>Stability:</b>	At least 6 months at -80°C. Avoid freeze/thaw cycles.
<b>Storage:</b>	-80°C
<b>Genbank Accession:</b>	CDK12: NM_016507; Cyclin K: NM_001099402
<b>MW:</b>	CDK12: 72 kDa; Cyclin K: 90 kDa
<b>Purity:</b>	≥90%
<b>Specific Activity:</b>	8 pmol/min/μg
<b>Assay Conditions:</b>	Assay was run according to CDK12/Cyclin K Kinase Assay Kit (BPS Bioscience #78298) in a Kinase buffer containing 2 mM DTT using 0.4 mg/ml CDK12/CyclinK substrate as a substrate with 10 μM ATP at 30°C for 90 min. The amount of ATP transferred from autophosphorylation as well as substrate phosphorylation was calculated using Kinase-Glo reagent (Promega).
<b>Applications:</b>	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

## Quality Control Data

4-20% SDS-PAGE Coomassie Staining



CDK12/Cyclin K Activity

