



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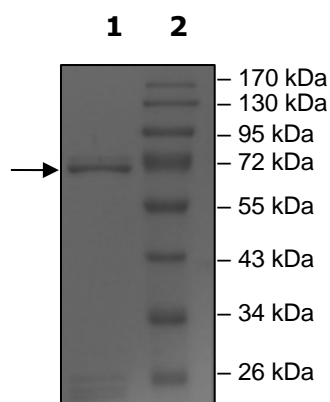
[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Product Information

|                           |  |
|---------------------------|--|
| <b>Construct:</b>         | LTK (GST-498-796)  |
| <b>Concentration:</b>     | 0.10 mg/ml   |
| <b>Species:</b>           | Human  |
| <b>Formulated In:</b>     | 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 PMSF, 25% glycerol   |
| <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> | NM_002344  |
| <b>MW:</b>                | 70 kDa   |
| <b>Purity:</b>            | ≥90%   |
| <b>Specific Activity:</b> | 15 pmol/min/μg   |
| <b>Assay Conditions:</b>  | The activity of the complex was measured using peptide sequence (EAIYAAPFAKKK), based on the C-terminus of Abl, as a substrate (stock solution 1 mg/ml dissolved in distilled water).<br>Assay: Increasing amounts of kinase were mixed with a final concentration of 200 μg/ml peptide substrate in a buffer consisting of 15 mM MOPS pH 7.2, 15 mM MgCl <sub>2</sub> , 7.5 mM β-glycerol-phosphate, 3 mM EGTA, 1.2 mM EDTA, 20 μg/ml BSA (bovine serum albumin) and 150 μM fresh DTT (final concentrations). The reaction was initiated by adding a [33P]-ATP (1 μCi/sample) mixed with non-radioactive ATP to reach a final concentration of 50 μM. The blank was determined from a “no substrate” sample.<br>The reaction was incubated for 15min at 30°C and terminated by spotting 20 μl of the mixture onto phosphocellulose paper strips that were fixed in 1% phosphoric acid and washed three times. Radioactivity was determined using a scintillation counter. |
| <b>Applications:</b>      | Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.  |

## Quality Control Data

## 4-20% SDS-Page Coomassie Staining



## Specific Activity

