



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

CERK

Human, recombinant, C-terminal FLAG-tag

Catalog #: 40617

Lot#: 110427-50 **Conc.:** 0.4 mg/ml

Fomulated in: 40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 40 µg/ml Flag peptide, 20% glycerol and 3 mM DTT.

Stability: >6 months at -80°C

References:

1. Mitra, P. *et al.*, *FEBS Lett.* **581** (4), 735-740 (2007)
2. Kim, T.J. *et al.*, *Biochem. Biophys. Res. Commun.* **342** (2), 611-617 (2006)

Description:

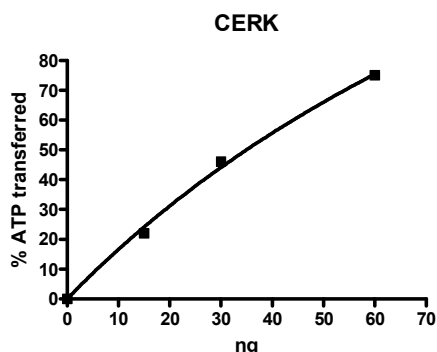
Human ceramide kinase (CERK) (GenBank Accession No. NM_022766), 1-537(end) with C-terminal Flag tag, MW= 60 kDa, expressed in baculovirus expression system.

Specific Activity: 142 pmole/min/µg.
 Assay conditions: CERK activity was measured at 37 °C for 25 min in a buffer (20 mM HEPES pH7.2, 80 mM KCl, 3 mM CaCl₂, 10 mM MgCl₂, 2 mM DTT, 5 µM ATP) using a µ-Octylglucoside mixed micellar assay with 100 µM Ceramide (BPS# 40618). ATP reduction was detected using Kinase-Glo® Luminescent Kinase Assay Platform (Promega, Madison, WI).

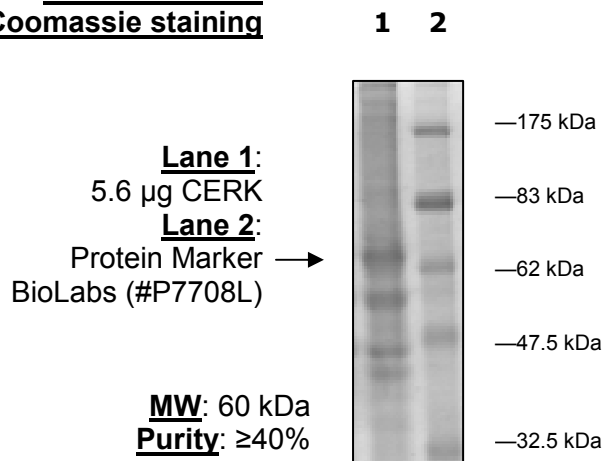
Application:

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

Quality Assurance



10% SDS-PAGE
Coomassie staining



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