



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

MAPKAPK2

Human recombinant, with N-terminal His-tag

Catalog #: 40116

Lot #: 111111 **Conc.:** 0.1 mg/ml

Formulated in: 50 mM sodium phosphate, pH 7.5, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25% glycerol

Stability: >6 months at -80°C

References:

1. Hagood JS, Olman MA. *Am. J. Respir. Cell Mol. Biol.* **37(5)**:503-6 (2007).
2. Kotlyarov A, Gaestel M. *Biochem. Soc. Trans.* **30(Pt 6)**:959-63 (2002).

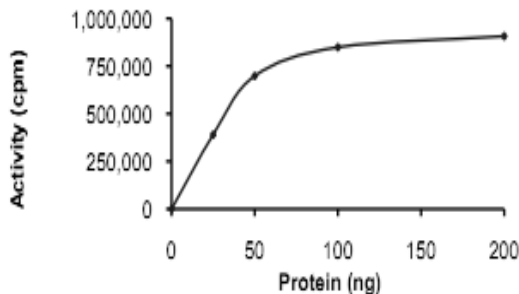
Description: Recombinant human MAPKAPK2 (MAPK-activated protein kinase 2), also known as MK2, Genbank Accession #NM_032960, a.a. 46-end, with an N-terminal His-tag, MW = 41 kDa, expressed in Sf9 cells via a baculovirus expression system.

Specific Activity: 450 pmol/min/μg.
Assay conditions: 5 mM MOPS, 2.5 mM β-glycerophosphate, 5 mM MgCl₂, 1 mM EGTA, 0.4 mM EDTA, 0.05 mM DTT, 50 μg/ml BSA, 2 mM ATP. Incubate MEK1 with 0.2 mg/ml HSP27tide peptide as substrate and [³³P]-ATP at 30°C for 15 minutes, then spot reaction on phosphocellulose paper, fix in 1% phosphoric acid, and assay with a scintillation counter.

Application: Useful for studying enzyme kinetics, screening inhibitors, and selectivity profiling.

Quality Assurance

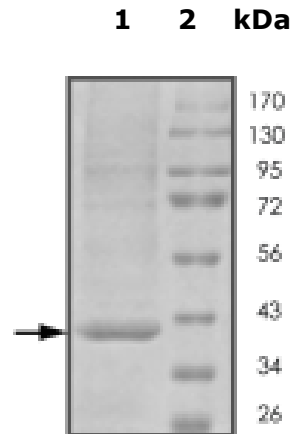
Specific Activity



**10% SDS-PAGE
Coomassie staining**

Lane 1: MAPKAPK2
Lane 2: Protein Marker

MW: 41 kDa
Purity: ≥85%



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