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Lieferung & Zahlungsart

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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

Human/Mouse ERK2(K52R), Inactive, His-tag

Human/Mouse, recombinant, N-terminal His-tag

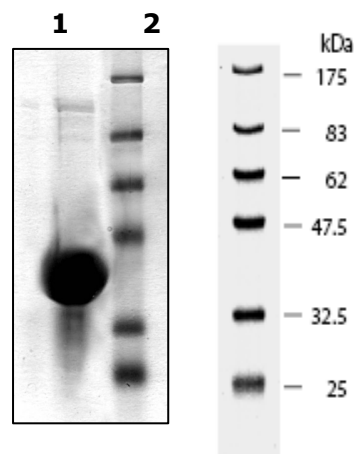
Catalog #: 40056**Lot #:** 100708**Conc.:** 3.74 mg/ml**Formulated in:** 45 mM Tris-HCl, pH 8.0, 124 mM NaCl, 2.4 mM KCl, 125 mM Imidazole, 3 mM DTT, 10% Glycerol.**Stability:** At least 6 months at -80°C . Avoid freeze/thaw cycles. Storing diluted protein is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).**References:**

1. Mitsushima, M. et al Cell Res. 313 (9), 1830-1838 (2007)
2. Wille, L. et al. Mol. Immunol. 44 (12), 3085-3091 (2007)

Description:Human/Mouse ERK2/MAPK2 (K52R) (GenBank Accession No. NM_0011949), full length with mutation on lysine52 to arginine and with an N-terminal His-tag, MW=42 kDa, expressed in *E. coli*. The K52R mutation prevents ATP binding, making the kinase inactive. The human and mouse versions of this protein share 100% amino acid sequence homology.**Application:**

A suitable substrate of MEK1.

Quality Assurance

**10% SDS-PAGE
Coomassie staining****Lane 1:**
10 μg ERK2/MAPK2**Lane 2:**
Protein Marker
BioLabs (#P7708L)**MW:** 42 kDa**Purity:** 90%

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