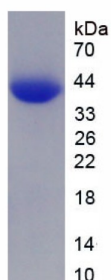
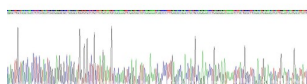


## Rat Mitogen-Activated Protein Kinase 1 / ERK2 (MAPK1) Protein

Catalogue No.: abx653332



SDS-PAGE analysis of recombinant Rat Mitogen-Activated Protein Kinase 1 / ERK2 (MAPK1) Protein.



Gene sequencing extract of recombinant Rat Mitogen-Activated Protein Kinase 1 / ERK2 (MAPK1) Protein.

Rat Extracellular Signal Regulated Kinase 2 (ERK2) Protein is a Recombinant Rat protein expressed in E. coli.

<b>Target:</b>	Mitogen-Activated Protein Kinase 1 / ERK2 (MAPK1)
<b>Research Area:</b>	Signal Transduction, Enzymes and Kinases, Tumour Immunity
<b>Origin:</b>	Rat
<b>Expression:</b>	Recombinant
<b>Tested Applications:</b>	WB, SDS-PAGE
<b>Host:</b>	E. coli
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 90%

# Datasheet

Version: 2.0.0

Revision date: 22 Jun 2025



<b>Reconstitution:</b>	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH <sub>2</sub> O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>Molecular Weight:</b>	Calculated MW: 42.8 kDa Observed MW: 43 kDa
<b>Sequence Fragment:</b>	Tyr23-Ser358
<b>Tag:</b>	N-terminal His tag
<b>Buffer:</b>	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.
<b>Activity:</b>	Not tested
<b>Concentration:</b>	Prior to lyophilization: 200 µg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.