

## Datasheet for ABIN7578066 **ERK1 Protein (His tag)**

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### Overview

Quantity:	100 µg
Target:	ERK1 (MAPK3)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERK1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA

### Product Details

Purpose:	Recombinant Human MAPK3, N-His
Sequence:	Pro75-Thr312

### Target Details

Target:	ERK1 (MAPK3)
Alternative Name:	MAPK3 ( <a href="#">MAPK3 Products</a> )
Background:	Microtubule-associated protein 2 kinase, p44-MAPK, Extracellular signal-regulated kinase 1, ERK1, MAPK3, MAP kinase isoform p44, Mitogen-activated protein kinase 3, ERK-1, PRKM3, Insulin-stimulated MAP2 kinase, p44-ERK1, MAPK 3, MAP kinase 3, ERT2
Molecular Weight:	29.95 kDa
UniProt:	<a href="#">P27361</a>

## Target Details

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Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">VEGFR1 Specific Signals</a> , <a href="#">S100 Proteins</a>
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## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
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Reconstitution:	Reconstitute in sterile water for a stock solution.
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.
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