

Datasheet for ABIN7578060
ERK2 Protein (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ERK2 (MAPK1)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERK2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA

Product Details

Purpose:	Recombinant Human MAPK1, N-His
Sequence:	Val104-Lys342

Target Details

Target:	ERK2 (MAPK1)
Alternative Name:	MAPK1 (MAPK1 Products)
Background:	MAP kinase isoform p42, PRKM2, Extracellular signal-regulated kinase 2, MAPK 2, Mitogen-activated protein kinase 1, PRKM1, p42-MAPK, Mitogen-activated protein kinase 2, MAP kinase 1, MAP kinase 2, ERK2, ERT1, ERK-2, MAPK 1, MAPK1
Molecular Weight:	30.00 kDa
UniProt:	P28482

Target Details

Pathways:	MAPK Signaling , RTK Signaling , Apoptosis , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , Response to Growth Hormone Stimulus , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Monocarboxylic Acid Catabolic Process , Autophagy , G-protein mediated Events , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , VEGFR1 Specific Signals , BCR Signaling , S100 Proteins
-----------	--

Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile water for a stock solution.
Buffer:	Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
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.