

Datasheet for ABIN5624588
ERK1 Protein (double Mutant)[Go to Product page](#)

1 Image

Overview

Quantity:	10 µg
Target:	ERK1 (MAPK3)
Protein Characteristics:	double Mutant
Origin:	Human, Rat, Mouse
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Application:	Western Blotting (WB)

Product Details

Purification:	ERK1 double mutant human is a recombinant protein containing a polyhistidine tag expressed in Sf9. Analysis by SDS-PAGE resulted in a pattern consistent with purified ERK1 and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

Target Details

Target:	ERK1 (MAPK3)
Alternative Name:	ERK1 (MAPK3 Products)
UniProt:	P27361
Pathways:	MAPK Signaling , RTK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway , Response to Growth Hormone Stimulus , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Hepatitis C ,

Target Details

Protein targeting to Nucleus, Toll-Like Receptors Cascades, Signaling Events mediated by VEGFR1 and VEGFR2, Signaling of Hepatocyte Growth Factor Receptor, VEGFR1 Specific Signals, S100 Proteins

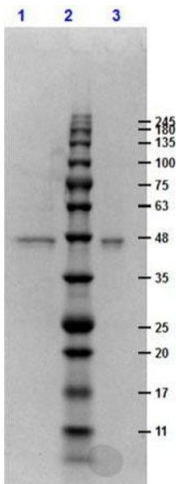
Application Details

Application Notes:	Application Note: ERK1 mutant protein is suitable as a negative control protein for immunoassays using antibodies targeting the critical ERK1 phosphorylated T202 or Y204 residues. For western blot use at 50 ng or less. For other assays concentration is user optimized. Western Blot Dilution: 50 ng
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Stabilizer: None
Storage:	4 °C, -20 °C
Storage Comment:	Store vial at -20° C prior to opening. This product is stable at 4° C as an undiluted liquid. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. SDS-PAGE results of ERK1 double mutant recombinant Protein. Lane 1: reduced ERK1 DM protein. Lane 2: Opal Prestained Molecular Weight Ladder . Lane 3: non-reduced ERK1 DM protein. Load: 1µg. 4-20% Lonza SDS-PAGE; Coomassie Stained; BioRad ChemiDoc Imaged.