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## Datasheet for ABIN5624603 ERK2 Protein (double Mutant)



Overview

Quantity:	10 µg
Target:	ERK2 (MAPK1)
Protein Characteristics:	double Mutant
Origin:	Human, Rat, Mouse
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Application:	Western Blotting (WB)
Product Details	
Purification:	ERK2 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 ERK2 and was
	estimated to be greater than 95% pure.
Sterility:	Sterile filtered
Target Details	
Target:	ERK2 (MAPK1)
Alternative Name:	ERK2 (MAPK1 Products)
UniProt:	P28482
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

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## **Application Details**

Application Notes:	Application Note: ERK2 mutant protein is suitable as a negative control protein for
	immunoassays using antibodies targeting the critical ERK2 phosphorylated T185 or Y187
	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