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# Datasheet for ABIN5624604 **ERK2 Protein**

Image



#### Overview

Quantity:	10 µg
Target:	ERK2 (MAPK1)
Origin:	Human, Rat, Mouse
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Application:	Western Blotting (WB)
Product Details	
Purification:	ERK2 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 Nucleus, Toll-Like Receptors Cascades, Monocarboxylic Acid Catabolic Process, Autophagy, G-

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## Target Details

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:	Application Note: ERK2 is suitable as a control for polyclonal or monoclonal anti-ERK2 in immunological assays. 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 ERK2 Recombinant Protein. Lane 1: reduced ERK2 protein. Lane 2: Opal Prestained Molecular Weight Ladder . Lane 3: non-reduced ERK2 protein. Load: 1µg. 4-20% Lonza SDS-PAGE; Coomassie Stained; BioRad ChemiDoc Imaged.