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Datasheet for ABIN5624611

**MEK1 Protein (pSer218, pSer222)**

## Overview

Quantity:	10 µg
Target:	MEK1 (MAP2K1)
Protein Characteristics:	pSer218, pSer222
Origin:	Human, Mouse, Rat
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Application:	Western Blotting (WB)

## Product Details

Purification:	<p>MEK1 pS218-pS222 is a recombinant protein containing a polyhistidine tag expressed in Sf9.</p> <p>This protein is expressed in the presence of constitutively active B-raf (V600E) leading to high levels of phosphorylation of MEK1 activation residues at position S218 and S222. Analysis by SDS-PAGE resulted in a pattern consistent with purified MEK1 and was estimated to be greater than 95% pure.</p>
Sterility:	Sterile filtered

## Target Details

Target:	MEK1 (MAP2K1)
Alternative Name:	MEK1 ( <a href="#">MAP2K1 Products</a> )
UniProt:	<a href="#">Q02750</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Fc-epsilon Receptor Signaling</a>

## Target Details

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[Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#)

## Application Details

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Application Notes:	Application Note: MEK1 pS218-pS222 is an activated recombinant protein suitable as a control for polyclonal or monoclonal anti-MEK1 in immunological assays. Activated MEK1 can be used in vitro to phosphorylate ERK protein. For western blot use at 50 ng or less. For other assays concentration is user optimized.  Western Blot Dilution: 50 ng
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	Stabilizer: None
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Storage:	4 °C, -20 °C
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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.
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Expiry Date:	12 months
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