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Datasheet for ABIN5624609

MEK1 Protein (double Mutant)

Overview

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

Product Details

Purification:	MEK1 double mutant human is a recombinant protein containing a polyhistidine tag expressed in Sf9. This double mutant protein contain alanine substitutions at S218A and S222A rendering it inactive. Analysis by SDS-PAGE resulted in a pattern consistent with purified MEK1 and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

Target Details

Target:	MEK1 (MAP2K1)
Alternative Name:	MEK1 (MAP2K1 Products)
UniProt:	Q02750
Pathways:	MAPK Signaling , RTK Signaling , Interferon-gamma Pathway , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like

Target Details

[Receptors Cascades](#), [Autophagy](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#)

Application Details

Application Notes: Application Note: MEK1 mutant protein is suitable as a negative control protein for immunoassays using antibodies targeting the critical MEK1 phosphorylated S218 or S222 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