

Datasheet for 000-001-GN7**MEK1 N-Term Blocking Peptide****Overview**

Description:	MEK1 N-Term Blocking Peptide - 000-001-GN7
Item No.:	000-001-GN7
Size:	50 µg

Product Details

Background:	Mitogen-activated protein kinase kinase 1, also known as MKK or MEK, is an integral component of the MAP kinase cascade that regulates cell growth and differentiation. This pathway also plays a key role in synaptic plasticity in the brain. Activated MEK 1 acts as a dual specificity kinase phosphorylating both a threonine and a tyrosine residue on MAP kinase. MEK1 and MEK2 are about 80% identical to each other, and nearly identical within the kinase domain. MEK1 is ideal for investigators involved in Neuroscience, Cell Signaling and Cancer Research.
Synonyms:	MAP2K, MEK, MEK1, MKK1, PRKMK1, MEK-1 Blocking peptide, MEK-1 Control peptide
Type:	Peptide

Target Details

Gene Name:	MAP2K1
Purity/Specificity:	Purity was determined to be greater than 95% specific peptide by analysis by HPLC and by reducing and non-reducing SDS-PAGE.
Relevant Links:	• UniProtKB - Q02750

Application Details

Application Note:	MEK1 N-term blocking peptide is suitable as a control for polyclonal or monoclonal Anti-MEK1 in immunological assays.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	50ng

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by dry weight
Buffer:	None
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	50 μ L
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 2-8 °C prior to opening. Aliquot contents and freeze at -20 °C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
Expiration:	Expiration date is six (6) months from date of receipt.

Disclaimer

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