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Datasheet for ABIN7505300

**MAPK12 Protein (AA 101-367) (His tag)**

## Overview

Quantity:	100 µg
Target:	MAPK12
Protein Characteristics:	AA 101-367
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK12 protein is labelled with His tag.

## Product Details

Sequence:	Asp 101-Leu 367
Characteristics:	A DNA sequence encoding the Human MAPK12 protein (P53778) (Asp 101-Leu 367) was expressed with a N-His&C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	MAPK12
Alternative Name:	MAPK12 ( <a href="#">MAPK12 Products</a> )
Background:	Background: ERK3, also known as MAPK12 and p38-gamma, belongs to the protein kinase superfamily, CMGC Ser/Thr protein kinase family and MAP kinase subfamily. ERK3 is highly expressed in skeletal muscle and heart. ERK3 is a serine/threonine kinase which acts Synonym: ERK-6, ERK3, ERK6, MAPK12, P38GAMMA, PRKM12, SAPK-3, SAPK3, P38-gamma

### Target Details

Molecular Weight:	29.26 kDa
UniProt:	<a href="#">P53778</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Hepatitis C</a> , <a href="#">BCR Signaling</a> , <a href="#">S100 Proteins</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months