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Datasheet for ABIN7312912
MAPT Protein (AA 249-381)

Overview

Quantity:	50 µg
Target:	MAPT
Protein Characteristics:	AA 249-381
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB), Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human MAPT Protein is produced by our E. coli expression system and the target gene encoding Gln249-Gln381 is expressed.
Sequence:	MQIVYKPVDL SKVTSKCGSL GNIHHKPGGG QVEVKSEKLD FKDRVQSKIG SLDNITHVPG GGNKKIETHK LTFRENAKAK TDHGAEIVYK SPVWSGDTSP RHLSNVSSSTG SIDMVDSPQL ATLADEVSAS LAKQLEHHHH HH
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	MAPT
Alternative Name:	MAPT (MAPT Products)

Target Details

Gene ID: 4137

UniProt: [P10636](#)

Pathways: [MAPK Signaling](#), [Microtubule Dynamics](#), [M Phase](#), [Regulation of Cell Size](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 μ M filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.