9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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MAPRE3 Human

Microtubule-Associated Protein, RP/EB Family, Member 3 Human Recombinant RCP1321

Product Overview

Name	MAPRE3 Human

Description

Microtubule-Associated Protein, RP/EB Family, Member 3 Human Recombinant

Accession (Primary)	Q9UPY8

Synonyms

RP3, EB3, EBF3, End-binding protein 3, EBF3-S, APC binding protein.

Introduction

MAPRE3 is a microtubule related protein that cooperates with the colorectal adenomatous polyposis coli tumor suppressor protein and takes a curtail part in regulating microtubule dynamics, cell polarity, and chromosome stability. MAPRE3 protein is related to MAPRE1 and also associates with the microtubule cytoskeleton. MAPRE3 is expressed mainly in the central nervous system and specially associates with APCL, a homolog of the adenomatous polyposis coli tumor suppressor protein.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The MAPRE3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 2mM DTT, 0.1M NaCl and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MAVNVYSTSV TSENLSRHDM LAWVNDSLHL NYTKIEQLCS GAAYCQFMDM LFPGCVHLRK VKFQAKLEHE YIHNFKVLQA AFKKMGVDKI IPVEKLVKGK FQDNFEFIQW FKKFFDANYD GKDYNPLLAR QGQDVAPPPN PGDQIFNKSK KLIGTAVPQR TSPTGPKNMQ TSGRLSNVAP PCILRKNPPS

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ARNGGHETDA QILELNQQLV DLKLTVDGLE KERDFYFSKL RDIELICQEH ESENSPVISG IIGILYATEE GFAPPEDDEI EEHQQEDQDE Y

Precautions

MAPRE3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UPY8)