

MAPRE3, 1-281aa, Human, His tag, E.coli

Cat.NO.: TP02912

3th Edition

Synonyms:microtubule-associated protein, RP/EB family member 3, EB3, EBF3, EBF3-S, RP3.

Description:MAPRE1 is a microtubule associated protein that interacts with the colorectal adenomatous polyposis coli tumor suppressor protein and plays important roles in regulating microtubule dynamics, cell polarity, and chromosome stability. This protein is related to MAPRE1 and likewise associates with the microtubule cytoskeleton. MAPRE3 is expressed predominantly in the central nervous system and preferentially associates with APCL, a homolog of the adenomatous polyposis coli tumor suppressor protein.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 2mM DTT, 0.1M NaCl.

Molecular Weight:34.1 kDa (301aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAVNVYSTSVTSENLSRHDMLAWVNDLHLNYTKIEQLCSGAAYCQFMDMLFPG
CVHLRKVKFQAKLEHEYIHNFKVLQAAFKKMGVDKIIPVEKLVKGFQDNFEFIQWFKKFFDANYDGKDYNPLLARQ
GQDVAPPNPGDQIFNKS KKLIGTAVPQRTSPTGPKNMQTSGRLSNVAPPCILRKNPPSARNGGHETDAQILELNQ
QLVDLKLTVDGLEKERDFYFSKLRDIELICQEHESENSPVISGIIGILYATEEGFAPPEDDEIEEHQQEDQDEY

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.