

Recombinant Human MAPRE1 Protein, DDK-tagged

Cat. No. MAPRE1-465H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPRE1 fused with DDK tag at C-terminal was expressed in Sf9 cells.
Species	Human
Source	Sf9 Cells
Description	The protein encoded by this gene was first identified by its binding to the APC protein which is often mutated in familial and sporadic forms of colorectal cancer. This protein localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is associated with the centrosomes and spindle microtubules. The protein also associates with components of the dynactin complex and the intermediate chain of cytoplasmic dynein. Because of these associations, it is thought that this protein is involved in the regulation of microtubule structures and chromosome stability. This gene is a member of the RP/EB family.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol
Molecular Mass	29.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	MAPRE1 microtubule-associated protein, RP/EB family, member 1 [Homo sapiens]
Official Symbol	MAPRE1
Synonyms	MAPRE1; microtubule-associated protein, RP/EB family, member 1; microtubule-associated protein RP/EB family member 1; adenomatous polyposis coli binding protein EB1; EB1; end-binding protein 1; APC-binding protein EB1; adenomatous polyposis coli-binding protein EB1; MGC117374; MGC129946;
Gene ID	22919
mRNA Refseq	NM_012325
Protein Refseq	NP_036457
MIM	603108
UniProt ID	Q15691

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