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MAPRE2, 1-327aa, Human, His tag, E.coli

产品货号: TP02911

第三版

**别名:** Microtubule-associated protein, RP/EB family member 2, EB1, EB2, RP1.

**描述:** MAPRE2, also known as RP1 or EB2, is evolutionarily conserved proteins, which associate with the tips of growing microtubules, and regulate microtubule dynamics and their interactions with intracellular structures. It has been shown that EB proteins regulate microtubule function through CLIP proteins. Recombinant human MAPRE2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

**分子量:** 39.2 kDa (347aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMPGPTQTLSPNGENNDIIQDNNGTIIPFRKHTVRGBERSYSWGMVAVNVYSTSITQETMS  
RHDIIAWVNDIVSLNYTKVEQLCSGAAYCQFMDMLFPGCISLKKVKFQAKLEHEYIHNFKLLQASFKRMNVDKVIPVEKL  
VKGRFQDNLDIFIQWFKKFDANYDGKEYDPVEARQQQDAIPPPDPGEQIFNLPPKSHHANSPTAGAAKSSPAKPGSTPS  
RPSSAKRASSSGSASKSDKDLETQVIQLNEQVHSLKLALEGVEKERDFYFGKLEIELLCQEHGQENDDLVQRLMDILYASE  
EHEGHTEEPEAEEQAHEQPPQEEY

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.