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MAPRE1, 1-268aa, Human, His tag, E.coli

产品货号: TP02910

第三版

别名: Microtubule-associated protein, RP/EB family, member 1, EB1, MGC117374, MGC129946.

描述: MAPRE1, also known as EB1, belongs to the intermediate/early gene family. This protein first identified by its binding to the APC protein which is often mutated in familial and sporadic forms of colorectal cancer. It localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, the protein is associated with the centrosomes and spindle microtubules.

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

分子量: 32.2 kDa (288aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAVNVYSTSVTSDNLSRHDMLAWINESLQLNLTKIEQLCSGAAYCQFMDMLFPGSIALK
KVKFQAKLEHEYIQNFKILQAGFKRMGVDKIIPVDKLVKGFQDNFEFVQWFKKFFDANYDGKDYDPVAARQGQETAV
APSLVAPALNPKPKPLTSSAAPQRPISTQRRTAAAPKAGPGVVRKNPGVGNQDDEAAELMQQVNVLKLTVEDLEKERDFY
FGKLRNIELICQENEGENDPVLQRIVDILYATDEGFVIPDEGGPQEEQEEY

纯度: > 95% by HPLC

浓度: 0.5 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.