

Microtubule-Associated Protein, RP/EB Family, Member 1 Human Re-

Item Number	rAP-3636
Synonyms	Microtubule-associated protein RP/EB family member 1, APC-binding protein EB1, End-binding protein 1, EB1, MAPRE1, MGC117374, MGC129946.
Description	MAPRE1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 288 amino acids (1-268 a.a.) and having a molecular mass of 32.2kDa. The MAPRE1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15691
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MAVNVYSTSV TSDNLSRHDM LAWINESLQL NLTKIEQLCS GAAYCQFMMDM LFPGSIALKK VKFQAKLEHE YIQNFKILQA GFKRMGVDKI IPVDKLVKGG FQDNFEFVQW FKKFFDANYD GKDYDPVAAR QGQETAVAPS LVAPALNPKPK KPLTSSSAAP QRP- ISTQRTA AAPKAGPGVV RKNPGVGNDD DEAAELMQQV NVLKLTVEDL EKERDFYFGK LRNIELICQE NEGENDPVLQ RIVDILYATD EGFVIPDEGG PQEEQEEY.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MAPRE1 solution (0.5 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**