www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

# MAPRE1 Human

**Catalog #:**PRPS-065

For research use only.

**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.

**Synonyms:**Microtubule-associated protein RP/EB family member 1, APC-binding protein EB1, End-binding protein 1, EB1, MAPRE1, MGC117374, MGC129946.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MAVNVYSTSV TSDNLSRHDM LAWINESLQL NLTKIEQLCS GAAYCQFMDM LFPGSIALKK VKFQAKLEHE YIQNFKILQA GFKRMGVDKI IPVDKLVKGK FQDNFEFVQW FKKFFDANYD GKDYDPVAAR QGQETAVAPS LVAPALNKPK KPLTSSSAAP QRPISTQRTA AAPKAGPGVV RKNPGVGNGD DEAAELMQQV NVLKLTVEDL EK

**Purity:**Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**
The MAPRE1 solution (0.5 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

**Stability:**
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.

**Usage:**
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**
MAPRE1 (EB1) is a member of the intermediate/early gene family. MAPRE1 was first identified by its binding to the APC protein, which is often mutated in familial and sporadic, forms of colorectal cancer. MAPRE1 localizes to microtubules, especially the growing ends, in interphase cells. During mitosis, MAPRE1 is associated with the centrosomes and spindle microtubules. MAPRE1 is involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes.

***To place an order, please Click HERE.***

© 2015 NeoScientific


Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE