

## Microtubule-Associated Protein, RP/EB Family, Member 3 Human Re-

**Item Number** rAP-3640

**Synonyms** RP3, EB3, EBF3, End-binding protein 3, EBF3-S, APC binding protein.

**Description** MAPRE3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 301 amino acids (1-281a.a.) and having a molecular mass of 34.1kDa. MAPRE3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Uniprot Accesion Number** Q9UPY8

**Amino Acid Sequence**

```
MGSSHHHHHH SSGLVPRGSH MAVNVYSTSV TSENLSRHD LAWVNDSLHL NYTKIEQLCS
GAAYCQFMDM LFPGCVHLRK VKFQAKLEHE YIHNFKVLQA AFKKMGVDKI IPVEKLVKGK
FQDNFEFIQW FKKFFDANYD GKDYNPLLAR QGQDVAPPPN PGDQIFNKS KLIGTAVPQR TSPTGP-
KNMQ TSGRLSNVAP PCILRKNNPPS ARNGG赫ETDA QILELNQQQLV DLKLTVDGLE KERDFYFSKL
RDIELICQEH ESENSPVISG IIGILYATEE GFAPPEDDEI EEHQQQEDQDE Y
```

**Source** Escherichia Coli.

**Physical Appearance and Stability** Sterile Filtered clear 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. Please avoid freeze thaw cycles.

**Formulation and Purity** The MAPRE3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0) 2mM DTT, 0.1M NaCl and 10% glycerol. Greater than 90% 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 end users! This product is sold for **Research Use Only**