

## Product datasheet for **AR50038PU-S**

### MAPRE2 (1-327, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	MAPRE2 (1-327, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPGPTQTLSP NGENNNNDIIQ DNNGTIIPFR KHTVRGERSY SWGMAVNVYS TSITQETMSR HDIIAWVNDI VSLNYTKVEQ LCSGAAYCQF MDMLFPGCIS LKKVKFQAKL EHEYIHNFKL LQASFKRMNV DKVIPVEKLV KGRFQDNLDF IQWFKKFYDA NYDGKEYDPV EARQGQDAIP PPDPGEQIFN LPKSKSHANS PTAGAASKSSP AAKPGSTPSR PSSAKRASSS GSASKSDKDL ETQVIQLNEQ VHSLKLALLEG VEKERDFYFG KLREIELLCQ EHGQENDDLQ QRLMDILYAS EEHEGHTEEP EAEEQAHEQQ PPQQEY
Tag:	His-tag
Predicted MW:	39.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MAPRE2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001137298</a>
Locus ID:	10982
UniProt ID:	<a href="#">Q15555</a>
Cytogenetics:	18q12.1-q12.2
Synonyms:	CSCSC2; EB1; EB2; RP1



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**Summary:**

The protein encoded by this gene shares significant homology to the adenomatous polyposis coli (APC) protein-binding EB1 gene family. This protein is a microtubule-associated protein that is necessary for spindle symmetry during mitosis. It is thought to play a role in the tumorigenesis of colorectal cancers and the proliferative control of normal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]

**Protein Families:**

Druggable Genome

**Product images:**