

Product datasheet for **TP300259L**

EB2 (MAPRE2) (NM_014268) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human microtubule-associated protein, RP/EB family, member 2 (MAPRE2), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200259 protein sequence
Red=Cloning site **Green**=Tags(s)

MPGPTQTLSPNGENNDIIQDNNGTIIPFRKHTVRGERSYSWGMAVNVYSTSITQETMSRHDIIAWVNDI
VSLNYTKVEQLCSGAAYCQFMDMLFPGCISLKKVKFQAKLEHEYIHNFKLLQASFKRMNVDKVIPVEKLV
KGRFQDNLDFIQWFKKFYDANYDGKEYDPVEARQGQDAIPPPDPGEQIFNLPKSHHANSPTAGAAKSSP
AAKPGSTPSRPSSAKRASSSGSASKSDKDLETQVIQLNEQVHSLKLALEGVEKERDFYFGKLRREIELLCQ
EHGQENDDLVQRLMDILYASEEHEGHTEEPEAAEQQAHEQQPPQEEY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 36.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_055083](#)

Locus ID: 10982



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UniProt ID: [Q15555](#), [A0A024RC33](#)

RefSeq Size: 4279

Cytogenetics: 18q12.1-q12.2

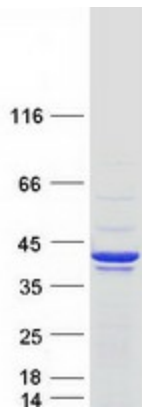
RefSeq ORF: 981

Synonyms: CSCSC2; EB1; EB2; RP1

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:



Coomassie blue staining of purified MAPRE2 protein (Cat# [TP300259]). The protein was produced from HEK293T cells transfected with MAPRE2 cDNA clone (Cat# [RC200259]) using MegaTran 2.0 (Cat# [TT210002]).