

Recombinant Human MAPRE2 protein, GST-tagged

Cat. No. MAPRE2-1788H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPRE2 protein(6-327 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	6-327 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	<p>QTLSPNGENNNNDIIQDNNGTIIPFRKHTVRGERSYSWGMVNVYSTSITQETMSRHD IIAWVNDIVSLNYTKVEQLCSGAAAYCQFMDMLFPGCISLKKVKFQAKLEHEYIHNFKL LQASFKRMNVDKVIPVEKLVKGRFQDNLDFIQWFKKFYDANYDGKEYDPVEARQQGQ DAIPPPDPGEQIFNLPKKSHHANSPTAGAAKSSPAKPGSTPSRPSSAKRASSSGSA SKSDKDLETQVIQLNEQVHSLKLALEGVEKERDFYFGKLRREIELLCQEHGQENDDL QRLMDILYASEEHEGHTEEPEAEEQAHEQQPPQEEY</p>
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw</p>

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

MAPRE2 microtubule-associated protein, RP/EB family, member 2 [Homo sapiens]

Official Symbol

MAPRE2

Synonyms

MAPRE2; microtubule-associated protein, RP/EB family, member 2; microtubule-associated protein RP/EB family member 2; APC binding protein EB1; EB1; EB2; RP1; end-binding protein 2; APC-binding protein EB1; APC-binding protein EB2; T-cell activation protein, EB1 family;

Gene ID

10982

mRNA Refseq

NM_001143826

Protein Refseq

NP_001137298

MIM

605789

UniProt ID

Q15555

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