

Recombinant Human MARK2 protein, His-tagged

Cat. No. MARK2-3525H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MARK2 protein(10-372 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	10-372 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LNERDTEQPTLGHLDSKPSSKSNMIRGRNSATSADQPHIGNYRLLKTIGKGNFAKV KLARHILTGKEVAVKIIDKTQLNSSSLQKLFREVRIMKVLNHPNIVKLFVETEKTLV MEYASGGEVFDYLVAHGRMKEKEARAKFRQIVSAVQYCHQKFIVHRDLKAENLLLD ADMNIKIADFGFSNEFTFGNKLDTFCGSPPYAAPELFQGKKYDGPVVDVWSLGVILY TLVSGSLPFDGQNLKELRERVLRGKYRIPFYMSTDCENLLKKFLILNPSKRGTLQIM KDRWMNVGHEDDELKPYVEPLPDYKDPRRTELMVSMGYTREEIQDSLVGQRYNEV MATYLLLGYKSSELEGDTI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ 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 MARK2 MAP/microtubule affinity-regulating kinase 2 [Homo sapiens]

Official Symbol MARK2

Synonyms MARK2; MAP/microtubule affinity-regulating kinase 2; ELKL motif kinase , EMK1; serine/threonine-protein kinase MARK2; ELKL motif kinase 1; PAR 1; Par1b; protein serine/threonine kinase; Ser/Thr protein kinase PAR 1B; serine/threonine kinase; PAR1 homolog b; Ser/Thr protein kinase PAR-1B; serine/threonine protein kinase EMK; EMK1; EMK-1; PAR-1; Par-1b; MGC99619;

Gene ID 2011

mRNA Refseq NM_001039469

Protein Refseq NP_001034558

MIM 600526

UniProt ID Q7KZI7

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