

Recombinant Human MAP1B protein, His-tagged

Cat. No. MAP1B-30119H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP1B protein(414-567 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	414-567 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.
AASequence	DSRESLKPAAKPLPSKSVRKESKEETPEVTKVNHVEKPPKVESKEKVMVKKDKPKVK TETKPSVTEKEVPSKEEPSVKAEVAEKQATDVKPKAAKEKTVKKETKVKPEDKKEE KEKPKKEVAKKEDKTPIKKEEKPKKEEVKKEVKKEIKKEEK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal

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volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	MAP1B microtubule-associated protein 1B [Homo sapiens]
Official Symbol	MAP1B
Synonyms	MAP1B; microtubule-associated protein 1B; MAP5; MAP-1B; FUTSCH; FLJ38954; DKFZp686E1099; DKFZp686F1345;
Gene ID	4131
mRNA Refseq	NM_005909
Protein Refseq	NP_005900
MIM	157129
UniProt ID	P46821

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