

Recombinant Human RAP1B protein, His-tagged

Cat. No. RAP1B-2828H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAP1B protein(1-184 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-184 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	MREYKLVVLGSGGVGKSALTVQFVQGIFVEKYDPTIEDSYRKQVEVDAQQCMLEILD TAGTEQFTAMRDLYMKNQGQGFALVYSITAQSTFNDLQDLREQILRVKDTDDVPMILV GNKCDLEDERVVGKEQGQNLARQWNNCAFLESSAKSKINVNEIFYDLVRQINRKTP VPGKARKKSSCQLL
Purity	85%, 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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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

Gene Name	RAP1B RAP1B, member of RAS oncogene family [Homo sapiens]
Official Symbol	RAP1B
Synonyms	RAP1B; RAP1B, member of RAS oncogene family; ras-related protein Rap-1b; DKFZp586H0723; K REV; RAL1B; RAS-related protein RAP1B; small GTP binding protein; GTP-binding protein smg p21B; Ras family small GTP binding protein RAP1B; K-REV; FLJ18601;
Gene ID	5908
mRNA Refseq	NM_001010942
Protein Refseq	NP_001010942
MIM	179530
UniProt ID	P61224

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