

Recombinant Human ARHGEF7 protein, His-tagged

Cat. No. ARHGEF7-3594H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGEF7 protein(42-193 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	42-193 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	CRLLERLLPGTIEKVYPEPRSESECLSNIREFLRGCGASLRLELLFPSPQPQHLVTTI LLSASTFDANDLYQGQNFNKNVLSSLVTLNKTADIGLGSDSVCARPSSHRIKSFDSL GSQSLHTRTSKLFQGQYRSLDMDNSNNQLVVRAKF
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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ARHGEF7 Rho guanine nucleotide exchange factor (GEF) 7 [Homo sapiens]
Official Symbol	ARHGEF7
Synonyms	ARHGEF7; Rho guanine nucleotide exchange factor (GEF) 7; rho guanine nucleotide exchange factor 7; BETA PIX; COOL1; DKFZp686C12170; DKFZp761K1021; guanine nucleotide exchange factor 7; KIAA0142; Nbla10314; P50; P50BP; P85; P85COOL1; P85SPR; PAK interacting exchange factor beta; PAK3; PIXB; rho; SH3 domain containing proline rich protein; PAK-interacting exchange factor beta; SH3 domain-containing proline-rich protein; COOL-1; BETA-PIX;
Gene ID	8874
mRNA Refseq	NM_001113511
Protein Refseq	NP_001106983
MIM	605477
UniProt ID	Q14155

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