

Recombinant Human ARHGAP42 protein, His-tagged

Cat. No. ARHGAP42-6742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP42 protein(585-750 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	585-750 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	PQSRSGSRRTRAICLSTGSRKPRGRYTPCLAEPDSDSYSSSPDSTPMGSIESLSSH SSEQNSTTKSASCQPREKSGGIPWIATPSSSNGQKSLGLWTTSPSSSREDATKTD AESDCQSVASVTSPGDVSPPIDLVKKEPYGLSGLKRASASSLRISAAEGNKS
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

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name ARHGAP42 Rho GTPase activating protein 42 [Homo sapiens]

Official Symbol ARHGAP42

Synonyms GRAF3

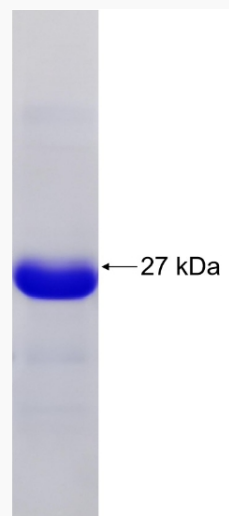
Gene ID 143872

mRNA Refseq NM_152432.2

Protein Refseq NP_689645.2

UniProt ID A6NI28

SDS-PAGE



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