

Recombinant Human ARHGAP22 protein, GST-tagged

Cat. No. ARHGAP22-301205H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARHGAP22 (522-656 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser522-Glu656
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	SVASMAWSGASSESSVGGSLSSCTACRASDSSARSSLHTDWALEPSPLPSSSED PKSLDLDHSMDEAGAGASNSEPSEPDSPTREHARRSEALQGLVTELRAELCRQRTE YERSVKRIEEGSADLRKRMSRLEE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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 g/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	ARHGAP22 Rho GTPase activating protein 22 [Homo sapiens]
Official Symbol	ARHGAP22
Synonyms	ARHGAP22; Rho GTPase activating protein 22; rho GTPase-activating protein 22; RhoGAP2; rho-type GTPase-activating protein 22; RhoGap22;
Gene ID	58504
mRNA Refseq	NM_001256024
Protein Refseq	NP_001242953
MIM	610585
UniProt ID	Q7Z5H3

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