

# Recombinant Human ARHGAP6 protein, GST-tagged

**Cat. No.** ARHGAP6-7852H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ARHGAP6 protein(473-637 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 473-637 aa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | LRDMPDPLLTRELYTAFINTLLLEPEEQLGTLQLLIYLLPPCNCDTLHRLQLSIVARH<br>ADDNISKDQGQEVGTGNKMTSLNLATIFGPNLLHKQKSSDKEFSVQSSARAEESTAIIV<br>VQKMIENYEALFMVPPDLQNEVLISLLETDPDVVDYLLRRKASQSSS                                                                                                                                                                                                                 |
| <b>Purity</b>           | 90%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | 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.                                                                                                                                                                                        |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [ARHGAP6 Rho GTPase activating protein 6 \[ Homo sapiens \]](#)

**Official Symbol** [ARHGAP6](#)

**Synonyms** ARHGAP6; Rho GTPase activating protein 6; rho GTPase-activating protein 6; rhoGAPX 1; rho-type GTPase-activating protein 6; Rho-type GTPase-activating protein RhoGAPX-1; RHOGAP6; RHOGAPX-1;

**mRNA Refseq** [NM\\_006125](#)

**Protein Refseq** [NP\\_006116](#)

**MIM** [300118](#)

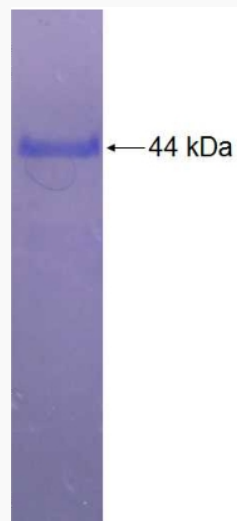
**UniProt ID** [O43182](#)

**Gene ID** [395](#)

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**SDS-PAGE**

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