

## Recombinant Human ARHGEF12 protein, His-tagged

**Cat. No.** ARHGEF12-391H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ARHGEF12 protein(Q9NZN5)(367-558aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	367-558aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	28.7 kDa
<b>AA Sequence</b>	GQCSCFQSIELLKSRPAHLAVFLHHVVSQFDPATLLCYLYSDLYKHTNSKETRRIFLE FHQFFLDRSAHLKVSVPDEMSADLEKRRPELIPEDLHRHYIQTMQERVHPEVQRHLE DFRQKRSMGLTLAESELTKLDAERDKDRLTLEKERTCAEQIVAKIEEVLMTAQAVEE DKSSTMQYVILMYMKHLGVK
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**GENE INFORMATION**

**Gene Name** [ARHGEF12 Rho guanine nucleotide exchange factor \(GEF\) 12 \[ Homo sapiens \]](#)

**Official Symbol** [ARHGEF12](#)

**Synonyms** ARHGEF12; Rho guanine nucleotide exchange factor (GEF) 12; rho guanine nucleotide exchange factor 12; KIAA0382; LARG; leukemia-associated RhoGEF; leukemia-associated rho guanine nucleotide exchange factor; PRO2792; DKFZp686O2372;

**Gene ID** [23365](#)

**mRNA Refseq** [NM\\_001198665](#)

**Protein Refseq** [NP\\_001185594](#)

**MIM** [604763](#)

**UniProt ID** [Q9NZN5](#)

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