

Recombinant Human ARHGEF12 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ARHGEF12 protein(Q9NZN5)(367-558aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	367-558aa
Form	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.
Molecular Mass	28.7 kDa
AA Sequence	GQCSCFQSIELLKSRPAHLAVFLHHVVSQFDPATLLCYLYSDLYKHTNSKETRRIFLE FHQFFLDRSAHLKVSVPDEMSADLEKRRPELIPEDLHRHYIQTMQERVHPEVQRHLE DFRQKRSMGLTLAESELTKLDAERDKDRLTLEKERTCAEQIVAKIEEVLMTAQAVEE DKSSTMQYVILMYMKHLGVK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	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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