# Recombinant Human ARHGEF12 protein, His-tagged

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

## SPECIFICATION

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| **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

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| **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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