

# Recombinant Human ARF1 protein(Met1-Lys181), GST-tagged

**Cat. No.** ARF1-9799H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ARF1 (P84077) (Met1-Lys181) was expressed in E. coli with a GST tag at the N-terminus.                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-Lys181                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human ARF1 consists of 407 amino acids and predicts a molecular mass of 47.00 kDa.                                                                                                                                              |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                        |
| <b>Purity</b>           | ≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.                                                                                                                                                                             |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |

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## GENE INFORMATION

|                 |                                                 |
|-----------------|-------------------------------------------------|
| Gene Name       | ARF1 ADP-ribosylation factor 1 [ Homo sapiens ] |
| Official Symbol | ARF1                                            |
| Synonyms        | ARF1; ADP-ribosylation factor 1;                |
| Gene ID         | 375                                             |
| mRNA Refseq     | NM_001024226                                    |
| Protein Refseq  | NP_001019397                                    |
| MIM             | 103180                                          |
| UniProt ID      | P84077                                          |

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