

Recombinant Human ART1 protein, GST-tagged

Cat. No. ART1-2553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ART1 protein(P52961)(23-295aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-295aa
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	57.5 kDa
AA Sequence	QSHPIITRRDLFSQEIQLDMALASFDDQYAGCAAAMTAALPDLNHTEFQANQVYADS WTLASSQWQERQARWPEWSLSPTRPSPPLGFRDEHGVALLAYTANSPLHKEFNA AVREAGRSRAHYLHHFSFKTLHFLLEALQLLGSGQRPPRCHQVFRGVHGLRFRPA GPRATVRLGGFASASLKHVAAQQFGEDTFFGIWTCLGAPIKGYSFFPGEEEVLIPIPF ETFQVINASRLAQGPARIYLRALGKHSTYNCEYIKDKKCKSGPCHLDNS
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

Reconstitution

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%.

GENE INFORMATION

Gene Name [ART1 ADP-ribosyltransferase 1 \[Homo sapiens \]](#)

Official Symbol [ART1](#)

Synonyms

ART1; ADP-ribosyltransferase 1; GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1; ART2; CD296; ADP-ribosyltransferase 2; mono(ADP-ribosyl)transferase 1; RT6; MGC133217;

Gene ID [417](#)

mRNA Refseq [NM_004314](#)

Protein Refseq [NP_004305](#)

MIM [601625](#)

UniProt ID [P52961](#)

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