

Recombinant Human ART1 Protein, DYKDDDDK-tagged

Cat. No. ART1-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADP-ribosyltransferase 1(ART1)(NM_004314), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	ADP-ribosyltransferase catalyzes the ADP-ribosylation of arginine residues in proteins. Mono-ADP-ribosylation is a posttranslational modification of proteins that is interfered with by a variety of bacterial toxins including cholera, pertussis, and heat-labile enterotoxins of E. coli. The amino acid sequence consists of predominantly hydrophobic N- and C-terminal regions, which is characteristic of glycosylphosphatidylinositol (GPI)-anchored proteins. This gene was previously designated ART2.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.182, without any preservatives.
Molecular Mass	36.2 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

 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

protein-protein interaction studies.

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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