

Recombinant Human ART1 protein(Met1-Asn294), His-tagged

Cat. No. ART1-3301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ART1 (NP_004305.2) (Met1-Asn294) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn294
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ART1 consists of 280 amino acids and predicts a molecular mass of 31.55 kDa. It migrates as an approximately 38.70 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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