

Recombinant Mouse Art1 Protein, His-tagged

Cat. No. Art1-248M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Art1 Protein (Gln23-Cys325) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln23-Cys325
Description	Enables NAD ⁺ ADP-ribosyltransferase activity. Acts upstream of or within protein ADP-ribosylation. Located in cell surface. Is anchored component of membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; limb; and sensory organ. Orthologous to human ART1 (ADP-ribosyltransferase 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.3 kDa Accurate Molecular Mass: 37 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Art1 ADP-ribosyltransferase 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Art1](#)

Synonyms

ART1; ADP-ribosyltransferase 1; GPI-linked NAD(P)(+)-arginine ADP-ribosyltransferase 1; mono(ADP-ribosyl)transferase 1; ADPRT; Yac-1

Gene ID

[11870](#)

mRNA Refseq

[NM_009710](#)

Protein Refseq

[NP_033840](#)

UniProt ID

[Q60935](#)

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