

## Recombinant Mouse Art5 Protein, His&GST-tagged

**Cat. No.** Art5-249M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Art5 Protein (Thr35-Pro309) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr35-Pro309
<b>Description</b>	Enables NAD <sup>+</sup> ADP-ribosyltransferase activity and NAD <sup>+</sup> nucleosidase activity. Acts upstream of or within protein ADP-ribosylation. Located in extracellular region and membrane. Is expressed in several structures, including heart; limb; male reproductive system; nose; and skeletal musculature. Orthologous to human ART5 (ADP-ribosyltransferase 5).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 60.1 kDa Accurate Molecular Mass: 60 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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**

[Art5 ADP-ribosyltransferase 5 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Art5](#)

**Synonyms**

ART5; ADP-ribosyltransferase 5; ecto-ADP-ribosyltransferase 5; mono(ADP-ribosyl)transferase 5; NAD(P)(+)-arginine ADP-ribosyltransferase 5; Yac-2; MGC151200; MGC151226

**Gene ID**

[11875](#)

**mRNA Refseq**

[NM\\_007491](#)

**Protein Refseq**

[NP\\_031517](#)

**UniProt ID**

[P70352](#)

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