

Recombinant Mouse Art5 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Art5 Protein (Thr35-Pro309) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr35-Pro309
Description	Enables NAD ⁺ ADP-ribosyltransferase activity and NAD ⁺ 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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.1 kDa Accurate Molecular Mass: 60 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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

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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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