

Recombinant Rat Art5 Protein, His-tagged

Cat. No. Art5-250R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Art5 Protein (Asp34-Pro308) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asp34-Pro308
Description	Predicted to enable NAD ⁺ ADP-ribosyltransferase activity and NAD ⁺ nucleosidase activity. Predicted to be involved in peptidyl-arginine ADP-ribosylation. Predicted to act upstream of or within protein ADP-ribosylation. Predicted to be located in extracellular region and membrane. Orthologous to human ART5 (ADP-ribosyltransferase 5).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.2 kDa Accurate Molecular Mass: 36 kDa
Purity	> 95%
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 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Art5

Synonyms

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

Gene ID

259167

mRNA Refseq

NM_001013039

Protein Refseq

NP_001013057

UniProt ID

Q5XHY4

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