

ART4/CD297 Protein, Rat (HEK293, His)

Cat. No.:	HY-P77301
Synonyms:	Ecto-ADP-ribosyltransferase 4; ARTC4; Mono(ADP-ribosyl)transferase 4; DO; DOK1
Species:	Rat
Source:	HEK293
Accession:	NP_001166980 (M1-K269)
Gene ID:	312806
Molecular Weight:	36-41 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	ART4/CD297, a predicted NAD ⁺ ADP-ribosyltransferase, is implicated in peptidyl-arginine ADP-ribosylation. As an ortholog to human ART4 (ADP-ribosyltransferase 4 (inactive) (Dombrock blood group)), this protein exhibits biased expression in tissues such as the adrenal gland, thymus, and six other tissues. The prediction of NAD ⁺ ADP-ribosyltransferase activity underscores its potential role in post-translational modification processes, particularly in the context of peptidyl-arginine ADP-ribosylation, contributing to the functional diversity of this enzyme.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA