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Datasheet for ABIN7317228

ART3 Protein (His tag)

Overview

Quantity:	100 µg
Target:	ART3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ART3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ART3 Protein (His Tag)
Sequence:	Met 1-Ser362
Characteristics:	A DNA sequence encoding the human ART3(AAH08397.1) (Met1-Ser362) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ART3
Alternative Name:	ART3 (ART3 Products)
Background:	Background: ART3 is an arginine-specific ADP-ribosyltransferase which belongs to the Arg-specific ADP-ribosyltransferase family. ART3 catalyzes a reversible reaction which modifies proteins by the addition or removal of ADP-ribose to an arginine residue to regulate the function

Target Details

of the modified protein. It is expressed specifically in testis. ART3 pseudogene is located on chromosome 11. ART3 was identified as a susceptibility gene for non-obstructive azoospermia (NOA). It is a novel therapeutic target in the treatment of NOA.

Synonym: ARTC3

Molecular Weight: 39.6 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.