

# Human ART3 (His Tag) recombinant protein



Catalog Number: 502161

## General Information

### Gene Name Synonym

ADP-ribosyltransferase C2 and C3 toxin-like 3;  
Mono(ADP-ribosyl)transferase 3; NAD(P)(+)-  
arginine ADP-ribosyltransferase 3

### Protein Construction

A DNA sequence encoding the human  
ART3(AAH08397.1) (Met1-Ser362) was expressed  
with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by  
the LAL method

### Stability

Samples are stable for up to twelve months from  
date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Glu 27

### Molecular Mass

The recombinant human ART3 consists of 347  
amino acids and predicts a molecular mass of 39.6  
KDa. It migrates as an approximately 49 KDa band  
in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as  
protectants before lyophilization.

2. Please contact us for any concerns or special  
requirements.

## Usage Guide

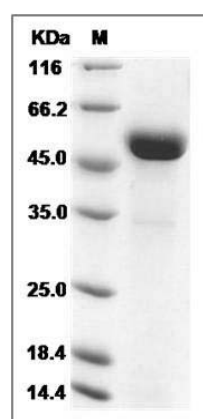
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .  
It is recommended that the protein be aliquoted  
for optimal storage. Avoid repeated freeze-thaw  
cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of  
0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human ART3 Protein (His Tag) SDS-PAGE