

# Human PARP3 (His & GST Tag) recombinant protein



Catalog Number: 502172

## General Information

### Gene Name Synonym

ADP-ribosyltransferase diphtheria toxin-like 3; IRT1; NAD(+) ADP-ribosyltransferase 3; Poly[ADP-ribose] synthase 3

### Protein Construction

A DNA sequence encoding the C-terminal segment of human PARP3 isoform 1 (Q9Y6F1-1) (Met 1-Leu 533) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 85 % 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

Met

### Molecular Mass

The recombinant human PARP3/GST chimera consists of 768 amino acids and has a calculated molecular mass of 87.8 kDa. It migrates as an approximately 95 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

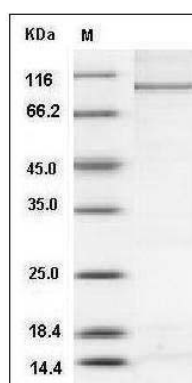
### Storage

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 PARP-3 / PARP3 Protein (His & GST Tag)  
SDS-PAGE