

Datasheet for ABIN7317627

**PARP3 Protein (GST tag,His tag)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PARP3
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PARP3 protein is labelled with GST tag,His tag.

## Product Details

Purpose:	Recombinant Human PARP-3/PARP3 Protein (His & GST Tag)
Sequence:	Met 1-Leu 533
Characteristics:	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.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

## Target Details

Target:	PARP3
Alternative Name:	PARP-3/PARP3 ( <a href="#">PARP3 Products</a> )
Background:	Background: Regenerating islet-derived protein 4, also known as REG-like protein, REG4, GISP and RELP, a member of the regenerating gene family belonging to the calcium (C-type) dependent lectin superfamily, has been found to be involved in malignancy in several different

## Target Details

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organs including the stomach, colorectum, pancreas and prostate. It is highly expressed in the gastrointestinal tract and markedly up-regulated in colon adenocarcinoma, pancreatic cancer, gastric adenocarcinoma, and inflammatory bowel disease. Expression of the Reg4 in different cell types has been associated with regeneration, cell growth and cell survival, cell adhesion and resistance to apoptosis. REG4 protein overexpression is associated with an unfavorable response to preoperative chemoradiotherapy and may be used as a predictive biomarker clinically. REG4 may play an important role in the development and progression of colorectal cancer, as well as in intestinal morphogenesis and epithelium restitution.

Synonym: ADPRT3,ADPRTL2,ADPRTL3,ARTD3,IRT1,PADPRT-3

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Molecular Weight: 87.8 kDa

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % glycerol

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.