

## Product datasheet for **AR50827PU-S**

### PARP2 (233-583, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	PARP2 (233-583, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQMQLDLR VQELIKLICN VQAMEEMMME MKYNTKKAPL GKLTVAQIKA GYQSLKKIED CIRAGQHGRA LMEACNEFYT RIPHDFGLRT PPLIRTQKEL SEKIQLLEAL GDIEIAIKLV KTELQSPEHP LDQHYRNLHC ALRPLDHEYSY EFKVISQYLQ STHAPTHSDY TMTLLDLFEV EKDGEKEAFR EDLHNRMLLW HGSRMSNVWG ILSHGLRIAP PEAPITGYMF GKGIFADMS SKSANYCFAS RLKNTGLLLL SEVALGQCNE LLEANPKAEG LLQGKHSTKG LGKMAPSSAH FVTLNGSTVP LGPASDTGIL NPDGYTLNYN EYIVYNPNQV RMRYLLKVQF NFLQLW
Tag:	His-tag
Predicted MW:	42.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PARP2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001036083</a>
Locus ID:	10038
UniProt ID:	<a href="#">Q9UGN5</a>
Cytogenetics:	14q11.2
Synonyms:	ADPRT2; ADPRTL2; ADPRTL3; ARTD2; pADPRT-2; PARP-2



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**Summary:**

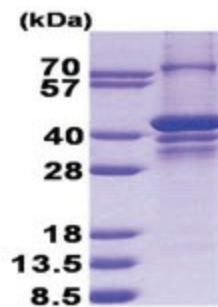
This gene encodes poly(ADP-ribosyl)transferase-like 2 protein, which contains a catalytic domain and is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. The basic residues within the N-terminal region of this protein may bear potential DNA-binding properties, and may be involved in the nuclear and/or nucleolar targeting of the protein. Two alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Base excision repair

**Product images:**

15% SDS-PAGE (3ug)