

Product datasheet for AR50827PU-N

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

Product data:

Product Type: Recombinant Proteins

Description: PARP2 (233-583, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHMQLDLR VQELIKLICN VQAMEEMMME MKYNTKKAPL GKLTVAQIKA GYQSLKKIED CIRAGQHGRA LMEACNEFYT RIPHDFGLRT PPLIRTQKEL SEKIQLLEAL

GDIEIAIKLV KTELQSPEHP LDQHYRNLHC ALRPLDHESY EFKVISQYLQ STHAPTHSDY TMTLLDLFEV

EKDGEKEAFR EDLHNRMLLW HGSRMSNWVG ILSHGLRIAP PEAPITGYMF GKGIYFADMS 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: <u>NP 001036083</u>

Locus ID: 10038

UniProt ID: Q9UGN5

Cytogenetics: 14q11.2

Synonyms: ADPRTL2; ADPRTL3; ARTD2; pADPRT-2; PARP-2



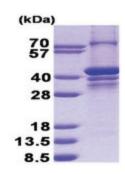


Summary:

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)