

PARP2 recombinant protein

PARP2, 233-583aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48808	HOST E Coli	APPLICATIONS SDS-Page
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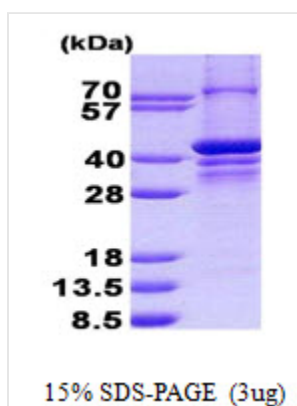
PRODUCT SYNONYMS

PARP2; 233-583aa; Human; His tag; E Coli (Denatured); Poly (ADP-ribose) polymerase 2; ADPRT2; ADPRTL2; ADPRTL3; ARTD2; pADPRT-2; PARP-2; PARP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSHMQLDLR VQELIKLICN VQAMEEMMME MKYNTKKAPL GKLTV AQIKA GYQLKKIED CIRAGQHGRA LMEACNEFYT RIPHDFGLRT PPLIRTQKEL SEKIQLLEAL GDIEIAIKLV KTELQSPEHP LDQHYRNLHC ALRPLDHESY EFKVISQYLQ STHAPTHSDY TMTLLDLFEV EKDGEKEAFR EDLHNRMLLW HGSRMSNWVG ILSHGLRIAP PEAPITGYMF GKGIYFADMS SKSANYCFAS RLKNTGLLLL SEVALGQCNE LLEANPKAEG LLQKGHSTKG LGKMAPSSAH FVTLNGSTVP LGPASDTGIL NPDGYTLNYN EYIVYNPNQV RMRYLLKVQF NFLQLW
Sequence Length	583
Applicable Applications for PARP2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PARP2 recombinant protein	PARP2 is 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. Recombinant human PARP2 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for PARP2 recombinant protein	Epigenomics
References	Schreiber V., et al. (2002) J. Biol. Chem. 277:23028-23036; Karlberg T., et al. (2010) Biochemistry. 49:1056-1058;

NCBI AND UNIPROT INFORMATION

NCBI GI #	110825961
NCBI GeneID	10038
NCBI Accession #	NP_005475
NCBI GenBank Nucleotide #	NP_005475.2
UniProt Accession #	Q9UGN5; Q8TEU4; Q9NUV2; Q9UMR4; Q9Y6C8
Molecular Weight	42.5 kDa (376aa)
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase 2
NCBI Official Symbol	PARP2
NCBI Official Synonym Symbols	ARTD2; ADPRT2; PARP-2; ADPRTL2; ADPRTL3; pADPRT-2
NCBI Protein Information	poly [ADP-ribose] polymerase 2
UniProt Protein Name	Poly [ADP-ribose] polymerase 2
UniProt Gene Name	PARP2
UniProt Synonym Gene Names	ADPRT2; ADPRTL2; PARP-2; hPARP-2; ARTD2; ADPRT-2; pADPRT-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.