

# Recombinant Human PARP3, GST-tagged

**Cat. No.** PARP3-1533H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PARP3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-300aa                                                                                                                                                      |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                     |
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| <b>Gene Name</b>       | PARP3 poly (ADP-ribose) polymerase family, member 3 [ Homo sapiens ]                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b> | PARP3                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | PARP3; poly (ADP-ribose) polymerase family, member 3; ADP ribosyltransferase (NAD <sup>+</sup> ; poly (ADP ribose) polymerase) like 3 , ADPRTL3; poly [ADP-ribose] polymerase 3; ADPRT3; hPARP 3; IRT1; NAD <sup>+</sup> ADP ribosyltransferase 3; pADPRT 3; poly(ADP ribose) polymerase 3; poly(ADP ribose) synthetase 3; ADPRT-3; |

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | poly[ADP-ribose] synthase 3; NAD+ ADP-ribosyltransferase 3; poly(ADP-ribose) synthetase-3; poly[ADP-ribose] synthetase 3; NAD(+) ADP-ribosyltransferase 3; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 2; poly (ADP-ribose) polymerase)-like 3; ADPRTL2; ADPRTL3; PADPRT-3; |
| <b>Gene ID</b>             | 10039                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_001003931                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | NP_001003931                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>                 | 607726                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>          | Q9Y6F1                                                                                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 3p22.2-p21.1                                                                                                                                                                                                                                                                                     |
| <b>Pathway</b>             | BER complex, organism-specific biosystem; BER complex, conserved biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem;                                                                                                                        |
| <b>Function</b>            | NAD+ ADP-ribosyltransferase activity; catalytic activity; transferase activity, transferring glycosyl groups;                                                                                                                                                                                    |