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PARP2, 233-583aa, Human, His tag, E.coli

产品货号: TP03295

第三版

别名: Poly (ADP-ribose) polymerase 2, ADPRT2, ADPRTL2, ADPRTL3, ARTD2, pADPRT-2, PARP-2

描述: 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.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量: 42.5 kDa (376aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSHMQLDLRVQELIKLICNVQAMEEMMEMKYNTKKAPLGKLTVAQIKAGYQSLK
KIEDCIRAGQHGRALMEACNEFYTRIPHDFGLRTPPLIRTQKELSEKIQLLEALGDIEIAIKLVKTELSPEHPLDQHYRNLH
CALRPLDHESYEFKVISQYLQSTHAPTHSDYTMLLDLFEVEKDGEKEAFREDLHNRMLLWHGSRMSNWVVGILSHGLRIA
PPEAPITGYMFGKGIYFADMSSKSANYCFASRLKNTGLLLLSEVALGQCNELLEANPKAEGLLQGKHSTKGLGKMAPSSAH
FVTLNGSTVPLGPASDTGILNPDGYTLNNEYIVYNPNQVRMRYLLKVQFNFLQLW

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.