Recombinant Human Poly [ADP-ribose] polymerase 2 (PARP2)

Product Code	CSB-EP866224HU-B
Abbreviation	PARP2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UGN5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAARRRRSTG GGRARALNES KRVNNGNTAP EDSSPAKKTR RCQRQESKKM PVAGGKANKD RTEDKQDGMP GRSWASKRVS ESVKALLLKG KAPVDPECTA KVGKAHVYCE GNDVYDVMLN QTNLQFNNNK YYLIQLLEDD AQRNFSVWMR WGRVGKMGQH SLVACSGNLN KAKEIFQKKF LDKTKNNWED REKFEKVPGK YDMLQMDYAT NTQDEEETKK EESLKSPLKP ESQLDLRVQE LIKLICNVQA MEEMMMEMKY NTKKAPLGKL TVAQIKAGYQ SLKKIEDCIR AGQHGRALME ACNEFYTRIP HDFGLRTPPL IRTQKELSEK IQLLEALGDI EIAIKLVKTE LQSPEHPLDQ HYRNLHCALR PLDHESYEFK VISQYLQSTH APTHSDYTMT LLDLFEVEKD GEKEAFREDL HNRMLLWHGS RMSNWVGILS HGLRIAPPEA PITGYMFGKG IYFADMSSKS ANYCFASRLK NTGLLLLSEV ALGQCNELLE ANPKAEGLLQ GKHSTKGLGK MAPSSAHFVT LNGSTVPLGP ASDTGILNPD GYTLNYNEYI VYNPNQVRMR YLLKVQFNFL QLW
Source	E.coli
Target Names	PARP2
Protein Names	Recommended name: Poly [ADP-ribose] polymerase 2 Short name= PARP-2 Short name= hPARP-2 EC= 2.4.2.30 Alternative name(s): NAD(+) ADP-ribosyltransferase 2 Short name= ADPRT-2 Poly[ADP-ribose] synthase 2 Short nam
Expression Region	1-583
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.