Recombinant Human PARP14, His-GST-tagged

Cat. No. PARP14-36H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARP14 (1470–1801), fused with N-terminal His-GST-tag, was expressed in a Baculovirus infected Sf9 cell expression system.
Species	Human
Source	Sf9 Cells
ProteinLength	1470-1801 a.a.
Description	Poly(ADP-ribosyl)ation is an immediate DNA damage-dependent posttranslational modification of histones and other nuclear proteins that contributes to the survival of injured proliferating cells. PARP14 belongs to the superfamily of enzymes that perform this modification.
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 188 mM imidazole, 0.04% Tween-20, 3 mM DTT, 20% glycerol.
Molecular Mass	66.5 kDa
Unit Definition	One unit of PARP incorporates 100 pmoles of poly(ADP) in 1 minute from NAD into the acid-insoluble form.
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Storage	>6 months at -80°C.

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GENE INFORMATION

Gene Name	PARP14 poly (ADP-ribose) polymerase family, member 14 [Homo sapiens (human)]
Official Symbol	PARP14
Synonyms	PARP14; poly (ADP-ribose) polymerase family, member 14; poly [ADP-ribose] polymerase 14; KIAA1268; pART8; B aggressive lymphoma protein 2; BAL2; Collaborator of STAT6; KIAA1268; PARP 14; pART8; Poly (ADP ribose) polymerase family member 14; collaborator of STAT6; B-aggressive lymphoma 2; b aggressive lymphoma protein 2; BAL2; PARP-14
Gene ID	54625
mRNA Refseq	NM_017554
Protein Refseq	NP_060024
MIM	610028
UniProt ID	Q460N5
Chromosome Location	3q21.1
Pathway	IL4-mediated signaling events
Function	NAD+ ADP-ribosyltransferase activity

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