

Datasheet for ABIN2745796

PARP3 Protein (HA tag,His tag)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	PARP3
Origin:	Human
Source:	Insect cells (Sf21)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PARP3 protein is labelled with HA tag,His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	PARP-3 [ARTD3] (human) (rec.) (His) (high purity)
Cross-Reactivity:	Human
Characteristics:	Human full-length PARP-3 [ARTD3] is fused to a HA-tag and a His-tag.
Purity:	high purity
Biological Activity Comment:	>10U/mg protein (only monoADP-ribosyl transferase activity).

Target Details

Target:	PARP3
Alternative Name:	PARP-3 [ARTD3] (PARP3 Products)
Background:	Poly(ADP-ribose) Polymerase 3, ADP-ribosyltransferase Diphtheria Toxin-like 3, NAD(+) ADP-

Target Details

ribosyltransferase 3

PARP-3 [ARTD3] is involved in the base excision repair (BER) pathway, by catalyzing the poly(ADP-ribosyl)ation of a limited number of acceptor proteins involved in chromatin architecture and in DNA metabolism. This modification follows DNA damages and appears as an obligatory step in a detection/signaling pathway leading to the reparation of DNA strand breaks. May link the DNA damage surveillance network to the mitotic fidelity checkpoint. Negatively influences the G1/S cell cycle progression without interfering with centrosome duplication. May be involved in the regulation of PRC2 and PRC3 complex-dependent gene silencing.

UniProt: [Q9Y6F1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: In 50 mM TRIS-HCl, pH 7.5, containing 100 mM sodium chloride and 50 mM imidazole, 0.2 % NP-40 and 10 % glycerol.

Handling Advice: After opening, prepare aliquots and store at -80 °C. Avoid freeze/thaw cycles.

Storage: -20 °C,-80 °C

Storage Comment: Short Term Storage: -20°C
Long Term Storage: -80°C
Use & Stability: Stable for at least 6 months after receipt when stored at -80°C.

Expiry Date: 6 months