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37-1127: Human PARP-3 / PARP3 Recombinant Protein (His & GST Tag)(Discontinued)

Reactivity : Human
Alternative Name : ADPRT3 Protein, ADPRTL2 Protein, ADPRTL3 Protein, ARTD3 Protein, IRT1 Protein, PADPRT-3 Protein,

Description

Source : Baculovirus-Insect Cells
Poly(ADP-ribose) polymerase 3 (PARP3) is an important member of the PARP family and shares high structural similarities with both PARP1 and PARP2. Poly(ADP-ribose) polymerase 3 (PARP3), a critical player in cellular response to DNA double-strand breaks (DSBs), plays an essential role in the maintenance of genome integrity. The ADP ribosyl transferase [poly(ADP-ribose) polymerase] ARTD3(PARP3) is a newly characterized member of the ARTD(PARP) family that catalyzes the reaction of ADP ribosylation, a key posttranslational modification of proteins involved in different signaling pathways from DNA damage to energy metabolism and organismal memory.

Product Info

Amount :	3 / PARP3 Recombinant Protein (His & GST Tag)(Discontinued) / 100 µg
Purification :	> 85 % as determined by SDS-PAGE
Content :	Formulation Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Storage condition :	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Amino Acid :	Met1-Leu533

Application Note

Endotoxin :< 1.0 EU per Ã‚µg of the protein as determined by the LAL method

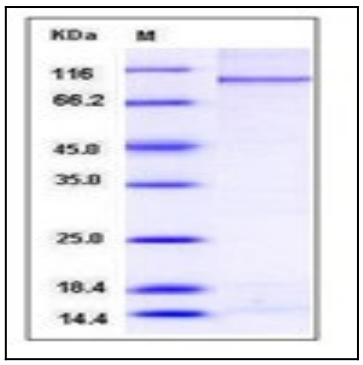


Fig 1: Human PARP-3 / PARP3 Recombinant Protein (His & GST Tag)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.