

Product Information

MemDX™ Membrane Protein Human PARP16 (poly(ADP-ribose) polymerase family member 16)

Cat. No.: **MP0242J**

This product is for research use only and is not intended for diagnostic use.

This product is a 36.3 kDa Human PARP16 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

PARP16

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

36.3 kDa

TMD

1

Sequence

MQPSGWAAAREAAGRDMIAADLRCSLFASALQSYKRDSVLRPFPASYARGDCKDFEALLADASKLPNLKE
LLQSSGDNHKRAWDLVSWILSSKVLTIHSAKAEFEKIQKLTGAPHTPVPAAPDFLFEIEYFDPANAKFYETKGERDLIYAFHGSRLENFHSIIHNGLHCHLNKTSLFGEGETYLTSDLSLALIYSPHGHGWQHSLLGPILSCVAVCEVIDHPDVKCQTKKKDSKEIDRRRARIKHSEGGDIPPKYFVVTNNQLRVKYLLVYSQKPPKSRA
SSQLSWFSSHWFPTVMISLYLLLLLIVSVINSSAFQHFWNRAKR

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

PARP16

Full Name

poly(ADP-ribose) polymerase family member 16

Introduction

Intracellular mono-ADP-ribosyltransferase that may play a role in different processes through the mono-ADP-ribosylation of proteins involved in those processes. May play a role in the unfolded protein response (UPR), by ADP-ribosylating and activating EIF2AK3 and ERN1, two important UPR effectors. May also mediate mono-ADP-ribosylation of karyopherin KPNB1 a nuclear import factor. May not modify proteins on arginine or cysteine residues compared to other mono-ADP-ribosyltransferases.

Alternative Names

ARTD15; pART15; C15orf30; ADP-ribosyltransferase diphtheria toxin-like 15; mono [ADP-ribose] polymerase PARP16; poly [ADP-ribose] polymerase 16

Gene ID

[54956](#)

UniProt ID

[Q8N5Y8](#)