

Recombinant Human PARP3 Protein Product Manual

1. Product Basic Information

Product No.: REP07733

Protein Name: Protein Mono-Adp-Ribosyltransferase Parp3 (PARP3)

Aliases: IRT1; ARTD3; ADPRT3; ADPRT-ADPRTL2; ADPRTL3; protein mono-ADP-ribosyltransferase PARP3; poly (ADP-ribose) polymerase)-like 3

UniProt ID: Q9Y6F1

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y6F1/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-533aa)

Molecular Weight: 90.4 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal hFc1-tagged

2. Amino Acid Sequence (1-533aa)

MAPKPKPWVQTEGPEKKGGRQAGREEDPFRSTAEALKAIPA EKRIIRVDPTCPLSS
NPGTQVYEDYNCTLNQTNIENNNKFIYIQLLQDSNRFFTCWNRWGRVGEVGGQSKI
NHFTRLEDAKKDFEKKFREKTKNNWAERDHFVSHPGKYTLIEVQAEDEAQEAVVKV
DRGPPVRTVTKRVQPCSLDPATQKLITNIFSKEMFKNTMALMDLDVKKMPLGKLSKQ
QIARGFEALEALEEALKGPTDGGQSLEELSSHFYTVIPHNFGHSQPPPINSPELLQA
KKDMLLVLADIELAQALQAVSEQEKTVEEVPHPLDRDYQLLKCQLQLLDSGAPEYKV
IQTYLEQTGSNHRCP TLQHIWKVNQEGEEDRFQAHSKLGNRKL LWHGTNMAVVAA
ILTSGLRIMPHSGGRVVGKGIYFASENSKSAGYVIGMKCGAHHVGYMFLGEVALGRE
HHINTDNPSLKSPPPGFDSVIARGHTEPDPTQDTELELDGQQVVVPQGQPVPCEPF
SSSTFSQSEYLIYQESQCRLRYLLEVHL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human PARP3 full length protein (1-533aa) expressed in Mammalian cell. The protein is dual-tagged with 10xHis tag at the N-terminus and hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. PARP3, also known as IRT1 or ARTD3 or ADPRT3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.