

Product datasheet for PH304308

PARP3 (NM_005485) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | PARP3 MS Standard C13 and N15-labeled recombinant protein (NP_005476) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC204308 |
| Predicted MW: | 60.1 kDa |
| Protein Sequence: | >RC204308 protein sequence Red=Cloning site Green=Tags(s) |

MAPKPKPWVQTEGPEKKGGRQAGREEDPFRSTAEALKAIPA EKRIIRVDPTCPLSSNPQTQVYEDYNCTL
NQTNIENNKNFYIIQLLQDSNRFFTCWNRWGRVGEVGSKINHFTRLEDAKKDFEKKFRETKNNWAER
DHFVSHPGKYTLIEVQAEDAQAQAVVKVDRGVPVRTVTKRVQPCSLDPATQKLITNIFSKEMFKNTMALMD
LDVKKMPLGKLSKQQIARGFEALEALEEALKGPTDGGQSLLELSSHFYTVIPHNFGHSQPPPINSPELLQ
AKKDMLLVLADIELAQALQAVSEQEKTVVEVPHPLDRDYQLLKCQLQLLDGSAPEYKVIQTYLEQTGSNH
RCPTLQHIWKVNQEGEEDRFQAHSKLGNRKLLWHGTNMAVVAAILTSGLRIMPHSGGRVKGKIYFASENS
KSAGYVIGMKCGAHHVGYMFLGEVALGREHHINTDNPSLKSPPPGFDSVIARGHTEPDPTQDTELELDGQ
QVVVPQGPVPCPEFSSSTFSQSEYLIYQESQCRLRYLLEVHL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_005476</u> |
| RefSeq Size: | 2360 |
| RefSeq ORF: | 1599 |



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Synonyms: ADPRT3; ADPRTL2; ADPRTL3; ARTD3; IRT1; PADPRT-3

Locus ID: 10039

UniProt ID: [Q9Y6F1](#), [A0A024R318](#)

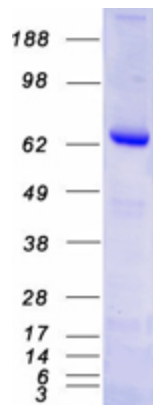
Cytogenetics: 3p21.2

Summary: The protein encoded by this gene belongs to the PARP family. These enzymes modify nuclear proteins by poly-ADP-ribosylation, which is required for DNA repair, regulation of apoptosis, and maintenance of genomic stability. This gene encodes the poly(ADP-ribosyl)transferase 3, which is preferentially localized to the daughter centriole throughout the cell cycle. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Base excision repair

Product images:



Coomassie blue staining of purified PARP3 protein (Cat# [TP304308]). The protein was produced from HEK293T cells transfected with PARP3 cDNA clone (Cat# [RC204308]) using MegaTran 2.0 (Cat# [TT210002]).