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# Product datasheet for TP522984

## Arhgap1 (NM_001145902) Mouse Recombinant Protein

## Product data:

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|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Mouse Rho GTPase activating protein 1 (Arhgap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| **Species:** | Mouse |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >MR222984 representing NM_001145902<br>Red=Cloning site Green=Tags(s)<br><br>MAEVVGELGAPEGAVPIPISEPDVCRALTGVAEEALPERAMDPLSELQDDLTLDDTSQALNQLKLASIDE KNWPSDEMPDFPKSDDSKSSSPEPVTHLKWDDPYYDIARHQIVEVAGDDKYGRKIIVFSACRMPPSHQLD HSKLLGYLKHTLDQYVESDYTLLYLHHGLTSDNKPSLSWLRDAYREFDRKYKKNIKALYIVHPTMFIKTL LILFKPLISFKFGRKIFYVNYLSELSEHVKLEQLGIPRQVLKYDDFLKSTQKSPATAPKPMPPRPPLPNQ QFGVSLQHLQEKSPGQDPIPIVLRETVAYLQAHALTTEGIFRRSANTQVVREVQQKYNMGLPVDFDQYNE LHLPAVILKTFLRELPEPLLTFDLYPHVVGFLNIDESQRVEVTQQVLQTLPEENYQVLHFLTAFLVQISA HCDQNKMTNTNLAVVFGPNLLWAKDAAITLKAINPINTFTKFLLDHQGELFPSTDAQGV<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-MYC/DDK |
| **Predicted MW:** | 54.9 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C after receiving vials. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_001139374 |
| **Locus ID:** | 228359 |

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|---|---|
| **UniProt ID:** | Q5FWK3, A2AH25, Q8BQW4 |
| **RefSeq Size:** | 2904 |
| **Cytogenetics:** | 2 E1 |
| **RefSeq ORF:** | 1437 |
| **Synonyms:** | B230365D05Rik; C76222; Cdc42GAP; p50rhoGAP |
| **Summary:** | GTPase activator for the Rho, Rac and Cdc42 proteins, converting them to the putatively inactive GDP-bound state. Cdc42 seems to be the preferred substrate (By similarity). [UniProtKB/Swiss-Prot Function] |