

Product datasheet for TP306310L

RHOBTB1 (NM_014836) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human Rho-related BTB domain containing 1 (RHOBTB1), transcript variant 1, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC206310 protein sequence Red=Cloning site Green=Tags(s) |

MDADMDYERPNVETIKCVVVDNAVVGKTRLICARACNTTLTQYQLLATHVPTVWAIQYRVCQEVLESR
DVVDEVSVSLRLWDTFGDHHKDRRFAYGRSDVWVLCFSIANPNSLNHVKSMWYPEIKHFCRPTPVILVGC
QLDLRYADLEAVNRARRPLARPIKRGDILPPEKGREVAKELGLPYYETSVFDQFGIKDVFDAIRAALIS
RRHLQFWKSHLKKVQKPLLQAPFLPPKAPPPVIKIPECPMTNEAACLLDNPLCADVLFILQDQEHIFA
HRIYLATSSSKFYDLFLMECEESPNGSEGACEKEKQSRDFQGRILSVDP EEERE EGP RP IQADQWKSSN
KSLVEALGLEAEGAVPETQTLTGWSKGFIMHREMQVNPISKRMGPM TVVRMDASVQPGPFRTLLQLFLYT
GQLDEKEKDLVGLAQIAEVLEMFDLRMMVENIMNKEAFMNQEITKAFHVRKANRIECLSKGTFSDVTFK
LDDGAISAHKPLLICSEWMAAMFGGSFVESANSEVYLPNINKISMQAVLDYLYTKQLSPNLDLDPLELI
ALANRFCLPHLVALAEQHAVQELTKAATSGVGDGEVLSYLELAQFHNAHQLAAWCLHHICTNYSVCSK
FRKEIKSKSADNQEYFERHRWPPVWYLKEEDHYQRV KREREKEDIALNKHRSRRKWC FWNSSPAVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

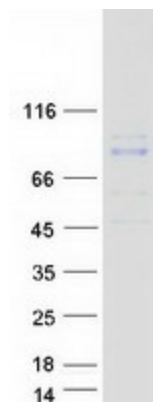
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 79.2 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |



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| 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_055651 |
| Locus ID: | 9886 |
| UniProt ID: | O94844 , A0A024QZL4 |
| RefSeq Size: | 4515 |
| Cytogenetics: | 10q21.2 |
| RefSeq ORF: | 2088 |
| Summary: | The protein encoded by this gene belongs to the Rho family of the small GTPase superfamily. It contains a GTPase domain, a proline-rich region, a tandem of 2 BTB (broad complex, tramtrack, and bric-a-brac) domains, and a conserved C-terminal region. The protein plays a role in small GTPase-mediated signal transduction and the organization of the actin filament system. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Dec 2008] |

Product images:



Coomassie blue staining of purified RHOBTB1 protein (Cat# [TP306310]). The protein was produced from HEK293T cells transfected with RHOBTB1 cDNA clone (Cat# [RC206310]) using MegaTran 2.0 (Cat# [TT210002]).