

## Product datasheet for TP306310

### RHOBTB1 (NM\_014836) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Rho-related BTB domain containing 1 (RHOBTB1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206310 protein sequence Red=Cloning site Green=Tags(s)

MDADMDYERPNVETIKCVVVDNAVVGKTRLICARACNTTLTQYQLLATHVPTVWAIQYRVCQEVLESR  
DVVDEVSVSLRLWDTFGDHHKDRRFAYGRSDVWVLCFSIANPNSLNHVKSMWYPEIKHFCRPTPVILVGC  
QLDLRYADLEAVNRARRPLARPIKRGDILPPEKGREVAKELGLPYYETSVFDQFGIKDVFDAIRAALIS  
RRHLQFWKSHLKKVQKPLLQAPFLPPKAPPPVIKIPECPMTNEAACLLDNPLCADVLFILQDQEHIFA  
HRIYLATSSSKFYDLFLMECEESPNGSEGACEKEKQSRDFQGRILSVDPPEEREEGPPRIPQADQWKSSN  
KSLVEALGLEAEGAVPETQTLTGWSKGFIMHREMQVNPISKRMGPMTVVRMDASVQPGPFRTLLQFLYT  
GQLDEKEKDLVGLAQIAEVLEMFDLRMMVENIMNKEAFMNQEITKAHVHRKANRIECLSKGTFSDVTFK  
LDDGAISAHKPLLICSEWMAAMFGGSFVESANSEVYLPNINKISMQAVLDYLYTKQLSPNLDLDPLELI  
ALANRFCLPHLVALAEQHAVQELTKAATSGVGDGEVLSYLELAQFHNAHQLAAWCLHHICTNYNSVCSK  
FRKEIKSKSADNQEYFERHRWPPVWYLKEEDHYQRVKREREKEDIALNKHRSRRKWCFFWNSSPAVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

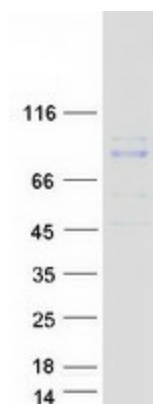
Tag:	C-Myc/DDK
Predicted MW:	79.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055651</a>
<b>Locus ID:</b>	9886
<b>UniProt ID:</b>	<a href="#">O94844</a> , <a href="#">A0A024QZL4</a>
<b>RefSeq Size:</b>	4515
<b>Cytogenetics:</b>	10q21.2
<b>RefSeq ORF:</b>	2088
<b>Summary:</b>	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]).