



# Recombinant Human Rho-related BTB domain-containing protein 1 (RHOBTB1)

<b>Product Code</b>	CSB-BP019684HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O94844
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MDADMDYERP NVETIKCVVV GDNVAGKTRL ICARACNTTL TQYQLLATHV PTVWAIQYR VCQEVLSR DVVDEVSLSL RLWDTFGDHH KDRRFAYGRS DVVVLCSIA NPNSLNHVKS MWYPEIKHFC PRTPVILVGC QLDLRYADLE AVNRARRPLA RPIKRGDILP PEKGREVAKE LGLPYYETSV FDQFGIKDVF DNAIRAALIS RRHLQFWKSH LKKVQKPLLQ APFLPPKAPP PVIKIPECPS MGTNEAACLL DNPLCADVLF ILQDQEHIFA HRIYLATSSS KFYDLFLMEC EESPNGSEGA CEKEKQSRDF QGRILSVDPE EEREEGPPRI PQADQWKSSN KSLVEALGLE AEGAVPETQT LTGWSKGFIF MHREMQVNPI SKRMGPMTVV RMDASVQPGP FRTLLQFLYT GQLDEKEKDL VGLAQIAEVL EMFDLRMMVE NIMNKEAFMN QEITKAFHVR KANRIKECLS KGTFSDVTFK LDDGAISAHK PLLICSCCEWM AAMFGGSFVE SANSEVYLPN INKISMQAVL DYLYTKQLSP NLDLDPLELI ALANRFCLPH LVALAEQHAV QELTKAATSG VGIDGEVLSY LELAQFHNAH QLAAWCLHHI CTNYSVCSK FRKEIKSKSA DNQEYFERHR WPPVWYLKEE DHYQRVKRER EKEDIALNKH RSRRWCFWN SSPAVA
<b>Source</b>	Baculovirus
<b>Target Names</b>	RHOBTB1
<b>Protein Names</b>	Recommended name: Rho-related BTB domain-containing protein 1
<b>Expression Region</b>	1-696
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.