



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

Product Code	CSB-MP019684HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O94844
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDADMDYERP NVETIKCVVV GNAVGKTRL 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
Source	Mammalian cell
Target Names	RHOBTB1
Protein Names	Recommended name: Rho-related BTB domain-containing protein 1
Expression Region	1-696
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.

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.