



# Recombinant Human Rho-related GTP-binding protein RhoU (RHOU)

<b>Product Code</b>	CSB-BP745331HU
<b>Abbreviation</b>	RHOU
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7L0Q8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPPQQGDPAF PDRCEAPPVP PRRERGGRRG RGPGEPPGGRG RAGGAEGRGV KCVLVGDGAV GKTSLVVSYT TNGYPTHEYIP TAFDNFSAVV SVDGRPVRLQ LCDTAGQDEF DKLRPLCYTN TDIFLLCFSV VSPSSFQNVS EKWVPEIRCH CPKAPIILVG TQSDLREDVK VLIELDKCKE KVPPEEAAKL CAEEIKAASY IECSALTQKN LKEVFDAIV AGIQYSDTQQ QPKKSKSRTP DKMKNLSKSW WKKYCCFV
<b>Source</b>	Baculovirus
<b>Target Names</b>	RHOU
<b>Protein Names</b>	Recommended name: Rho-related GTP-binding protein RhoU Alternative name(s): CDC42-like GTPase 1 GTP-binding protein-like 1 Rho GTPase-like protein ARHU Ryu GTPase Wnt-1 responsive Cdc42 homolog 1 Short name= WRCH-1
<b>Expression Region</b>	1-258
<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 gene encodes a member of the Rho family of GTPases. This protein can activate PAK1 and JNK1, and can induce filopodium formation and stress fiber dissolution. It may also mediate the effects of WNT1 signaling in the regulation of cell morphology, cytoskeletal organization, and cell proliferation.
<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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