9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RHOV Human

Ras Homolog Gene Family Member V Human Recombinant
RCP1872

Product Overview

Name	RHOV Human
Description	
Ras Homolog Gene Family Member V Human Recombinant	
Accession (Primary)	Q96L33
Synonyms	
Ras homolog family member V, Rho GTPase-like protein ARHV, Wnt-1 responsive Cdc42 homolog 2, WRCH1-related GTPase, GTP-binding protein-like 2, WRCH-2, ARHV, CDC42-like GTPase 2, CHP.	
Introduction	
RHOV belongs to the Rho family and to the small GTPase superfamily. RHOV is a 236 aa protein which regulates the actin cytoskeleton by activating the JNK pathway. RHOV is expressed in placenta, pancreas and fetal brain and operates as a lipid anchor at the cytoplasmic side of the cell membrane.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The RHOV solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 2M Urea, 1mM DTT and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPPRELS EAEPPPLRAP TPPPRRRSAP PELGIKCVLV GDGAVGKSSL IVSYTCNGYP ARYRPTALDT FSVQVLVDGA PVRIELWDTA GQEDFDRLRS LCYPDTDVFL ACFSVVQPSS FQNITEKWLP EIRTHNPQAP VLLVGTQADL RDDVNVLIQL DQGGREGPVP QPQAQGLAEK IRACCYLECS ALTQKNLKEV FDSAILSAIE HKARLEKKLN AKGVRTLSRC RWKKFFCFV	

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Precautions

RHOV Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96L33)