

Ras Homolog Gene Family Member V Human Recombinant

Item Number	rAP-3587
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.
Description	RHOV Human Recombinant produced in E. coli is a single polypeptide chain containing 259 amino acids (1-236) and having a molecular mass of 28.6 kDa. RHOV is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96L33
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMPPRELS EAEPPLRAP TPPRRRSAP PELGIKCVLV GDGAVGKSSL IVSYTCNGYP ARYRPTALDT FSVQVLVDGA PVRIELWDTA GQEDFDRLRS LCYPD TDVFL ACFSVVQPSS FQNITEKWLP EIRTHNPQAP VLLVGTQADL RDDVNVLIQL DQG- GREGPVP QPQAQGLAEK IRACCYLECS ALTQKNLKEV FDSAILS AIE HKARLEK KLN AKGVRTLSRC RWKKFFCFV
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The RHOV solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 2M Urea, 1mM DTT and 20% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**