

RHOV, 1-236aa, Human, His tag, E.coli

Cat.NO.: TP03739

3th Edition

Synonyms:Rho-related GTP-binding protein RhoV, ARHV, CHP, WRCH2.

Description:Rho-related GTP-binding protein RhoV, also known as RHOV, is a member of the Rho family and small GTPase superfamily. RHOV is a 236 amino acid protein that controls the actin cytoskeleton through activation of the JNK pathway. RHOV functions as a lipid anchor at the cytoplasmic side of the cell membrane and is expressed in placenta, pancreas and fetal brain. Recombinant human RHOV protein, fused to His-tag at Nterminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea,20% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:28.6 kDa (259aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMPPRELSEAEPPPLRAPTPPPRRRSAPPELGIKCVLVGDGAVGKSSLIVSYT
CNGYPARYRPTALDTFSVQVLVDGAPVRIELWDTAGQEDFDRLRSLCYPD TDVFLACFSVVQPSSFQ NITEKWLPE
IRTHNPQAPVLLVGTQADLRDDVNVLIQLDQGGREGPVPQPQAQGLAEKIRACCYLECSALTQKNLKEVFDSAILS
AIEHKARLEKKNLNAKGVRTL SRCRWKKFFCFV

Purity:> 95% by HPLC

Concentration:1 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.