

## Ras Homolog Gene Family Member Q Human Recombinant

<b>Item Number</b>	rAP-3591
<b>Synonyms</b>	ARHQ, RASL7A, TC10, TC10A, Rho-related GTP-binding protein RhoQ, Ras-like protein TC10, Ras-like protein family member 7A, RHOQ.
<b>Description</b>	RHOQ Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-202 a.a) and having a molecular mass of 24.7kDa. RHOQ is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P17081
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAHGPGA LMLKCVVVDG GAVGKTCLLM SYANDAFPEE YVPTVFDHYA VSVTVGGKQY LLGLYDTAGQ EDYDRLRPLS YPMTDVFLIC FSVVNPASFQ NVKEEWPEL KEYAPNVPFL LIGTQIDLRD DPKTLARLND MKEKPICVEQ GQKLAKEIGA CCYVECSALT QKGLKTVFDE AIIAILTPKK HTVKKRIGSR CINCC.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	RHOQ protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**