

**RRAS, 1-215 aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP03802**

3th Edition

**Synonyms:**Ras-related protein R-Ras

**Description:**RRAS, also known as ras-related protein R-Ras, belongs to the Ras family which functions in signal transduction pathways. This protein has been shown to interact with RASSF5, NCK1, Bcl-2, ARAF and RALGDS. RRAS can bind GTP and GDP, and it has intrinsic GTPase activity. It also regulates the organization of the actin cytoskeleton. Recombinant RRAS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

**Molecular Weight:**25.3 kDa (235aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSSGAASGTGRGRPRGGGPGDPPPSETHKLVVVGGGGVVGKSALTIQFIQSY  
FVSDYDPTIEDSYTKICSVDGIPARLDILDITAGQEEFGAMREQYMRAGHGFLLVFAINDRQSFNEVGKLFQILRVKD  
RDDFPVVLVGNKADLESQRQVPRSEASAFGASHHVAYFEASAKLRLNVDEAFEQLVRAVRKYQEQLPPSPSPAP  
RKKGGGCPC

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**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.