

## 32-4717: Recombinant Human Ras Suppressor Protein 1

**Alternative Name :** Ras Suppressor Protein 1,Rsu-1,RSP-1,Ras Suppressor Protein 1 Variant 1,Ras Suppressor Protein 1 Variant 2,Ras Suppressor Protein 1 Variant 3,RSP1,RSU1.

### Description

Source : Escherichia Coli. RSU1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 300 amino acids (1-277) and having a molecular mass of 33.9 kDa. RSU1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. RSU1 is a protein which is involved in the ras signal transduction pathway, growth inhibition, and nerve-growth factor induced differentiation processes, as has been established in mouse and human cell line studies. In mouse, RSU1 was originally isolated based on its ability to inhibit v-Ras transformation. RSU1 possibly has a role in the Ras signal transduction pathway. RSU1 is also capable of suppressing v-Ras transformation in vitro.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The RSU1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMKSLKK LVEESREKNQ PEVDMSDRGI SNMLDVNGLF  
TLSHITQLVL SHNKLTMVPP NIAELKNLEV LNFFNNQIEE LPTQISSLQK LKHLNLGMNR  
LNTLPRGFGS LPALEVLDLT YNNLSENSLP GNFFYLTLR ALYLSNDNDFE ILPPDIGKLT  
KLQILSLRDN DLISLPKEIG ELTQLKELHI QGNRLTVLPP ELGNLDLTGQ KQVFKAENNP  
WVTPIADQFQ LGVSHVFEYI RSETYKYLYG RHMQANPEPP KKNNDKSKKI SRKPLAAKNR.

