

RSU1,1-277aa, Human, His tag, E.coli

Cat.NO.: TP03807

3th Edition

Synonyms:Ras suppressor protein 1, RSP-1

Description:RSU1 is a protein that is involved in the ras signal transduction pathway, growth inhibition, and nerve-growth factor induced differentiation processes, as determined in mouse and human cell line studies. In mouse, RSU1 was initially isolated based on its ability to inhibit v-Ras transformation. Multiple alternatively spliced transcript variants for this gene have been reported; one of these variants was found only in glioma tumors. Recombinant human RSU1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:33.9 kDa (300aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMKSLKKLVEESREKNQPEVDMSDRGISNMLDVNGLFTLSHITQLVLSHNKL
TMVPPNIAELKNLEVLNFFNMQIEELPTQISSLQKLKHLNLGMNRLNLTLPGRFGSLPALEVLDLTYNNLSESLPGNF
FYLTTLRALYLSDNDFEILPPDIGKLTQLQILSLRDNDLISLPKEIGELTQLKELHIQGNRLTVLPPELGNLDLTGQKQVF
KAENNPWVTPIADQFQLGVSHVFEYIRSETYKYLYGRHMQANPEPPKKNNDKSKKISRKPLAAKNR

Purity:> 95% by HPLC

Concentration:1 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.