

Recombinant Human RSU1, His-tagged

Cat. No. RSU1-169H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RSU1,1-277aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-277aa
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 Mass	33.9 kDa (300aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKSLKK LVEESREKNQ PEVDMSDRGI SNMLDVNGLF TLSHITQLVL SHNKLTMVPP NIAELKNLEV LNFFNNQIEE LPTQISSLQK LKHLNLGMNR LNTLPRGFGS LPALEVLDLT YNNLSENSLP GNFFYLTTLR ALYLSDNDFE ILPPDIGKLT KLQILSLRDN DLISLPKEIG ELTQLKELHI QGNRLTVLPP ELGNLDTGQ KQVFKAENNP WVTPIADQFQ

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LGVSHVFEYI RSETYKYLYG RHMQANPEPP KKNNDKSKKI SRKPLAAKNR

Purity >90% by SDS - PAGE

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

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [RSU1 Ras suppressor protein 1 \[Homo sapiens \]](#)

Official Symbol RSU1

Synonyms RSU1; Ras suppressor protein 1; ras suppressor protein 1; FLJ31034; RSP 1; rsu-1; ras suppressor protein 1 variant 1; ras suppressor protein 1 variant 2; ras suppressor protein 1 variant 3; RSP-1;

Gene ID [6251](#)

mRNA Refseq [NM_012425](#)

Protein Refseq [NP_036557](#)

MIM [179555](#)

UniProt ID [Q15404](#)

Chromosome Location 10

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Pathway

Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-extracellular matrix interactions, organism-specific biosystem; Regulation of cytoskeletal remodeling and cell spreading by IPP complex components, organism-specific biosystem;

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