

Recombinant Human RSU1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RSU1-5733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RSU1 MS Standard C13 and N15-labeled recombinant protein (NP_689937) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes 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, the encoded protein 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.
Molecular Mass	31.5 kDa
AA Sequence	MSKSLKKLVEESREKNQPEVDMSDRGISNMLDVNGLFTLSHITQLVLSHNKLTMVPP NIAELKNLEVLNFFNNQIEELPTQISSLQKLKHLNLGMNRLNLTLPRGFGSLPALEVLDL TYNNLSENSLPGNFFYLTTLRALYLSDNDFEILPPDIGKLTQLSLRDNDLISLPKEI GELTQLKELHIQGNRLTVLPPELGNLDLTGQKQVFKAENNPWVTPIADQFQLGVSHV FEYIRSETYKYLYGRHMQANPEPPKKNNDKSKKISRKPLAAKNRTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

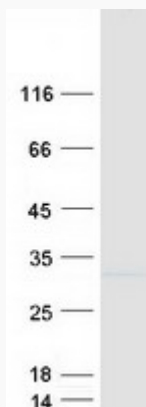
GENE INFORMATION

Gene Name	RSU1 Ras suppressor protein 1 [Homo sapiens (human)]
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_152724
Protein Refseq	NP_689937
MIM	179555
UniProt ID	Q15404

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SDS-PAGE

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