

Product datasheet for PH323579

RSU1 (NM_152724) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RSU1 MS Standard C13 and N15-labeled recombinant protein (NP_689937)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223579
Predicted MW:	31.5 kDa
Protein Sequence:	>RC223579 protein sequence Red =Cloning site Green =Tags(s) MSKSLKKLVEESREKNQPEVMSDRGISNMLDVNGLFTLSHITQLVLSHNKLTMVPPNIAELKNLEVLNF FNNQIEELPTQISSLQKLNKLNLMNRLNTPRGFGSLPALEVLDTYNNLSENSLPGNFFYLTTLRALY LSDNDFEILPPDIGKLTQLQILSLRDNDLISLPKEIGELTQLKELHIQGNRLTVLPPELGNLDTGQKQV FKAENNPWVTPAIADQFQLGVSHVFEYIRSETYKYLGRHMQANPEPPKKNNDKSKKISRKPLAAKNR TRTRP LE QKLISEEDLAANDILDYKDDDDK V
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_689937
RefSeq Size:	3657
RefSeq ORF:	834
Synonyms:	RSP-1
Locus ID:	6251
UniProt ID:	Q15404



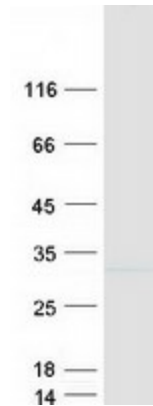
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Cytogenetics: 10p13

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RSU1 protein (Cat# [TP323579]). The protein was produced from HEK293T cells transfected with RSU1 cDNA clone (Cat# [RC223579]) using MegaTran 2.0 (Cat# [TT210002]).