

Recombinant human RSU1 protein

Catalog Number: ATGP2662

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-277aa

UniProt No.

Q15404

NCBI Accession No.

NP_036557

Alternative Names

Ras suppressor protein 1, RSP-1

PRODUCT SPECIFICATION

Molecular Weight

33.9 kDa (300aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

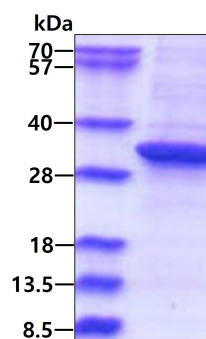
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General References

Gevaert K., et al. (2003) Nat. Biotechnol. 21:566-569
Aboulaich N., et al. (2004) Biochem. J. 383:237-248

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.