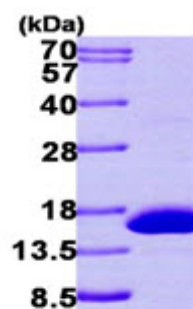


AR09777PU-L**Human Ribonuclease UK114 / HRSP12 (1-137, His-tag) - Purified**

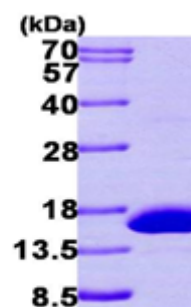
Alternate names:	14.5 kDa translational inhibitor protein, PSP, UK114 antigen homolog, p14.5
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by BCA assay)
Background:	HRSP12, also called ribonuclease UK114, is an endoribonuclease found predominantly in human adult kidney and liver, and which is responsible for inhibiting translation by cleaving mRNA. This protein cleaves phosphodiester bonds only in single-stranded RNA. It may be an important biomarker for hepatic carcinoma.
Uniprot ID:	P52758
NCBI:	NP_005827
GeneID:	10247
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human HRSP12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH</u> MSSLI RRVIS TAKAPGAIGP YSQA VLVDR T IYISGQIGMD PSSGQLVSGG VAEEAKQALK NMGEILKAAG CDFTNVVKT T VLLADINDFN TVNEIYKQYF KSNFPARAAY QVAALPKGSR IEIEAVAIQG PLTTASL Molecular weight: 16.6 kDa (157aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Manjasetty BA, et al. (2004). Proteins 54(4):797-800.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human HRSP12, 1-137aa,
His-tagged



15% SDS-PAGE (3ug)