

## 32-3995: HRSP12 Recombinant Protein

**Alternative Name :** Ribonuclease UK114,14.5 kDa translational inhibitor protein,p14.5,Heat-responsive protein 12,UK114 antigen homolog,HRSP12,PSP.

### Description

Source : Escherichia Coli. HRSP12 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 157 amino acids (1-137 a.a.) and having a molecular mass of 16.6kDa. The HRSP12 is purified by proprietary chromatographic techniques. HRSP12 (UK114) is an endoribonuclease found mainly in the human adult kidney and liver, and which is responsible for inhibiting translation by cleaving mRNA. HRSP12 cleaves phosphodiester bonds only in single-stranded RNA. HRSP12 may be an important biomarker for hepatic carcinoma.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** The HRSP12 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.  
**Storage condition :** HRSP12 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MSSLIRRVIS TAKAPGAIGP YSQAVLVDRT IYISGQIGMD PSSGQLVSGG  
VAEEAKQALK NMGEILKAAG CDFTNVVKTT VLLADINDFN TVNEIYKQYF KSNFPARAAY QVAALPKGSR  
IEIEAVAIQG PLTTASL.