9051 Mira Mesa Blvd, #910094
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HRSP12 Human

Heat-Responsive Protein 12 Human Recombinant
RCP1055

Product Overview

Name	HRSP12 Human
Description	
Heat-Responsive Protein 12 Human Recombinant	
Accession (Primary)	P52758
Synonyms	
Ribonuclease UK114, 14.5 kDa translational inhibitor protein, p14.5, Heat-responsive protein 12, UK114 antigen homolog, HRSP12, PSP.	
Introduction	
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 heptatic carcinoma.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The HRSP12 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSSLIRRVIS TAKAPGAIGP YSQAVLVDRT IYISGQIGMD PSSGQLVSGG VAEEAKQALK NMGEILKAAG CDFTNVVKTT VLLADINDFN TVNEIYKQYF KSNFPARAAY QVAALPKGSR IEIEAVAIQG PLTTASL.	
Precautions	
HRSP12 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P52758)