

Heat-Responsive Protein 12 Human Recombinant

Item Number	rAP-3747
Synonyms	Ribonuclease UK114, 14.5 kDa translational inhibitor protein, p14.5, Heat-responsive protein 12, UK114 antigen homolog, HRSP12, PSP.
Description	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.
Uniprot Accesion Number	P52758
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSLIRRVIS TAKAPGAIGP YSQAVLVDRT IYISGQIGMD PSSGQLVSGG VAAEAKQALK NMGEILKAAG CDFTNVVKTT VLLADINDFN TVNEIYKQYF KSNFPARAAY QVAALPKGSR IEIEAVAIQG PLTTASL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The HRSP12 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**