



Recombinant Human Ribonuclease UK114 (HRSP12)

Product Code	CSB-EP010744HU
Relevance	Endoribonuclease responsible for the inhibition of the translation by cleaving mRNA. Inhibits cell-free protein synthesis. Cleaves phosphodiester bonds only in single-stranded RNA .
Abbreviation	Recombinant Human HRSP12 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P52758
Alias	14.5 kDa translational inhibitor protein ;p14.5Heat-responsive protein 12UK114 antigen homolog
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SSLIRRVISTAKAPGAIGPYSQAVLVDRTIYISGQIGMDPSSGQLVSGGVAEEAK QALKNMGEILKAAGCDFTNVVKTTVLLADINDFNTVNEIYKQYFKSNFPARAAY QVAALPKGSRIEIEAVAIQGPLTTASL
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	RIDA
Expression Region	2-137AA
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	41.4kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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