

Recombinant Human Ribonuclease UK114(HRSP12)

Catalog No: #AP70407

Package Size: #AP70407-1 20ug #AP70407-2 100ug #AP70407-3 1mg

Description

Product Name	Recombinant Human Ribonuclease UK114(HRSP12)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-137AASequence Info:Full Length
Other Names	14.5KDA translational inhibitor protein ;p14.5Heat-responsive protein 12UK114 antigen homolog
Accession No.	P52758
Calculated MW	41.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SSLIRRIVISTAKAPGAIGPYSQAVLVDRITIIYISGGIGMDPSSGQLVSGGVAAEEAKQALKNMGEILKAAGCDFTNV VKTTVLLADINFNTVNEIYKQYFKSNFPARAAYQVAALPKGSRIEIEAVAIQGPLTTASL
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Endoribonuclease responsible for the inhibition of the translation by cleaving mRNA. Inhibits cell-free protein synthesis. Cleaves phosphodiester bonds only in single-stranded RNA .

References

Isolation and characterization of a 14.5-KDA trichloroacetic-acid-soluble translational inhibitor protein from human monocytes that is upregulated upon cellular differentiation.Schmiedeknecht G., Kerkhoff C., Orso E., Stoehr J., Aslanidis C., Nagy G.M., Knuechel R., Schmitz G.Eur. J. Biochem. 242:339-351(1996)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.