

Recombinant Human HRSP12, His-tagged

Cat. No. HRSP12-28196TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HRSP12 with an N terminal His tag; 157 amino acids with tag, predicted mwt 16.6 kDa.
Species	Human
Source	E.coli
ProteinLength	137 amino acids
Description	Ribonuclease UK114 is an enzyme that in humans is encoded by the HRSP12 gene.
Conjugation	HIS
Molecular Weight	16.600kDa inclusive of tags
Tissue specificity	Hepatocytes and renal distal tubular epithelial cells. Only weak expression in other tissues.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMSSLIRRVISTAKAPGAIGPYSQAVLVDRITIIYISGQIG MDPSSGQLVSGGVAEEAKQALKNMGEILKAAGCDFTNVVKTTVLLADINDFNTVNEI YKQYFKSNFPARAAYQVAALPKGSRIEIEAVAIQGPLTTASL
Sequence Similarities	Belongs to the RutC family.

GENE INFORMATION

Gene Name	HRSP12 heat-responsive protein 12 [Homo sapiens]
Official Symbol	HRSP12
Synonyms	HRSP12; heat-responsive protein 12; ribonuclease UK114; P14.5; PSP; translational inhibitor p14.5; UK114;
Gene ID	10247
mRNA Refseq	NM_005836
Protein Refseq	NP_005827
MIM	602487
Uniprot ID	P52758
Chromosome Location	8q22

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Function

endonuclease activity; hydrolase activity;

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