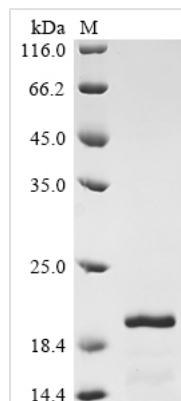




Recombinant Human Ribonuclease 7 (RNASE7)

Product Code	CSB-EP872431HU
Abbreviation	Recombinant Human RNASE7 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.	Q9H1E1
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Human Ribonuclease 7(RNASE7)
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	KPKGMTSSQWFKIQHMQPSPQACNSAMKNINKHTKRCKDLNTFLHEPFSSVA ATCQTPKIA CKNGDKNCHQSHGAVSLTMCKLTSGKHPNCRYKEKRQNKSYVV ACKPPQKKDSQQFHLVPVHLDRVL
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	RNASE7
Expression Region	29-156aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	18.6 kDa
Protein Length	Full Length of Mature Protein

Image



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



Description

The expression of recombinant Human RNASE7 protein involves transfecting e.coli cells with a DNA expression vector carrying the gene for the protein of interest (29-156aa). After transfection, the cells are cultured to produce the desired protein. A N-terminal 6xHis tag is fused to the protein. The recombinant Human RNASE7 protein is collected and purified from the cell lysate through affinity purification, attaining a purity greater than 85%, as determined by SDS-PAGE.

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

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.