

Recombinant Human Rnase 6

Catalog No: CA50

Description	Recombinant Human Ribonuclease K6 is produced by our Mammalian expression system and the target gene encoding Trp24-Leu150 is expressed with a 6His tag at the C-terminus.
Expression System	Human cells
Alternative name	Ribonuclease K6; RNase K6; RNASE6; RNS6
Accession No.	Q93091

Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM TrisHCl, 150mM NaCl, 1mMDTT, 10%Glycerol, pH7.5.
Shipping	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.

Background	Ribonuclease K6 (RNASE6) is a secreted protein that belongs to the pancreatic ribonuclease family. Human RNASE6 is synthesized as a 150 amino acid precursor that contains a 23 amino acid signal sequence, and a 127 amino acid mature chain. RNASE6 is expressed in many tissues, with high expression levels in the lung, with lower expression levels in the heart, placenta, kidney, pancreas, liver, brain, and skeletal muscle. It is also detected in monocytes and neutrophils. RNASE6 may have a role in host defense.
-------------------	--

SDS-PAGE

