

**Recombinant Human Ribonuclease K6/RNASE6 Protein(C-6His)**

**Cat.NO.: TP05500**

3th Edition

**Synonyms:**Ribonuclease K6; RNase K6; RNASE6; RNS6

**Description:**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.

**Form:**PBS

**Molecular Weight:**15.7 kDa

**Sequences:**Trp24-Leu150

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.