Recombinant Human RNASE6, His-tagged

Cat. No. RNASE6-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Ribonuclease K6/RNASE6 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Trp24-Leu150) of Human RNASE6 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	24-150 a.a.
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.
AA Sequence	WPKRLTKAHWFEIQHIQPSPLQCNRAMSGINNYTQHCKHQNTFLHDSFQNVAAVCD LLSIVCKNR RHNCHQSSKPVNMTDCRLTSGKYPQCRYSAAAQYKFFIVACDPPQKS DPPYKLVPVHLDSILVDH HHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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