

## 32-8409: Recombinant Human Ribonuclease T2/RNASET2 (C-6His)

**Gene :** RNASET2

**Gene ID :** 8635

**Uniprot ID :** O00584

### Description

Source: Human Cells.

MW :28.2kD.

Recombinant Human Ribonuclease T2 is produced by our Mammalian expression system and the target gene encoding Asp25-His256 is expressed with a 6His tag at the C-terminus. RNASET2, also known as RNASE6PL, is short for bonuclease T2. It is a 256 aa. protein which belongs to the RNase T2 family. RNASET2 is a secreted protein, and is higher expressed in the temporal lobe and fetal brain. This protein can be inhibited by Zn<sup>2+</sup> and Cu<sup>2+</sup>. It has ribonuclease activity, with higher activity at acidic pH and is probably involved in lysosomal degradation of ribosomal RNA. It also plays a role in cellular RNA catabolism.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl,20%Glycerol,pH7.5.

**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Amino Acid :** DKRLRDNHEWKKLIMVQHWPETVCEKIQNDCRDPPDYWTIHGLWPKSEGCNRSWPFNLEEIKDLLPEMRAY  
WPDVIHSFPNRSRFWKHEWEKHGTCAAQVDALNSQKKYFGRSLELYRELDLNSVLLKLGIKPSINYYQVADFK  
DALARVYGVIPKIQCLPPSQDEEVQTIGQIELCLTKQDQQLQNCTEPGEPSPKQEVWLANGAAESRGLRVCD  
GPVFPYPPPKTKHVDHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.