

## 32-8298: Recombinant Human Histatin-3/HTN3

**Gene :** HTN3  
**Gene ID :** 3347  
**Uniprot ID :** P15516

### Description

Source: E. coli.  
MW :4.4kD.

Recombinant Human Histatin-3 is produced by our E.coli expression system and the target gene encoding Asp20-Asn51 is expressed. Histatin-3(HTN3) belongs to the histatin/statherin family. Histatins are salivary proteins that are considered to be major precursors of the protective proteinaceous structure on tooth surfaces (enamel pellicle). In addition, histatins exhibit antibacterial and antifungal activities. Post-translational proteolytic processing results in many histatins: e.g., histatins 4-6 are derived from histatin 3 by proteolysis. Histatins 1 and 3 are primary products of HIS1and HIS2 alleles, respectively. Histatins are believed to have important non-immunological, anti-microbial function in the oral cavity. In addition, His3-(20-43)-peptide is a potent inhibitor of metalloproteinases MMP2 and MMP9.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** GHMDSHAKRHHGYKRKFHEKHHSHRGYRSNYLYDN

### Application Note

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