

Recombinant Human Histatin-3/HTN3 Protein

Cat.NO.: TP05737

3th Edition

Synonyms: Histatin-3; Basic histidine-rich protein; Histidine-rich protein 3; PB; HTN3.

Description: 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 HIS1 and HIS2 alleles, respectively. Histatins are believed to have important non-immunological, anti-microbial function in the oral cavity.

Form: PBS

Molecular Weight: 4.0 kDa

Sequences: Asp20-Asn51

Purity: > 95% by HPLC

Concentration:

Endotoxin Level: <1.0 EU per 1 µg 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.