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Datasheet for ABIN7318586 HTN3 Protein

Overview

Quantity:	50 µg
Target:	HTN3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Histatin-3/HTN3 Protein
Sequence:	Asp20-Asn51
Characteristics:	Recombinant Human Histatin-3 is produced by our E.coli expression system and the target gene encoding Asp20-Asn51 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HTN3
Alternative Name:	Histatin-3/HTN3 (HTN3 Products)
Background:	<p>Background: 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.</p> <p>Post-translational proteolytic processing results in many histatins: e.g., histatins 4-6 are derived</p>

Target Details

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.

Synonym: Histatin-3, Basic histidine-rich protein, Histidine-rich protein 3, PB, HTN3.

Molecular Weight: 4.0 kDa

UniProt: [P15516](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.