

## Histatin-3

Catalog No: #AP79107

Package Size: #AP79107-1 50ug #AP79107-2 100ug #AP79107-3 1mg

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## Description

Product Name	Histatin-3
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	Recombinant protein
Other Names	HIS2,Basic histidine-rich protein,Histidine-rich protein 3,PB,Hst
Accession No.	P15516Gene name:HTN3
Uniprot	P15516
GeneID	3347;
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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. His3-(20-43)-peptide (histatin-5) is especially effective against *C.albicans* and *C.neoformans*, and inhibits Lys-gingipain and Arg-gingipain (rgpB) from *P.gingivalis*. In addition, His3-(20-43)-peptide is a potent inhibitor of metalloproteinases MMP2 and MMP9.

## References

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Note: This product is for in vitro research use only