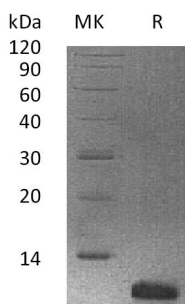


Summary

Name	Histatin-3/HTN3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Histatin-3 is produced by our E.coli expression system and the target gene encoding Asp20-Asn51 is expressed.
Accession #	P15516
Host	E.coli
Species	Human
Predicted Molecular Mass	4.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names Histatin-3; Basic histidine-rich protein; Histidine-rich protein 3; PB; HTN3

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

Product Name: Recombinant Human HTN3
Catalog #: PEH0793

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.

Note

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