

## Recombinant Human HTN1 Protein, His-tagged

HTN1-251H Human

Lot. No. (See product label)

### Specification

**Product Overview** Recombinant Human HTN1(Asp20~Asn57) fused with His tag at N-terminal was expressed in E. coli.

**Description** This gene encodes a member of the histatin family of small, histidine-rich, cationic proteins. They function as antimicrobial peptides and are important components of the innate immune system. Histatins are found in saliva and exhibit antibacterial, antifungal activities and function in wound healing.

**Source** E. coli

**Species** Human

**Tag** His

**Form** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Molecular Mass** 10.6kDa

**Protein length** Asp20~Asn57

**Endotoxin** <1.0EU per 1µg (determined by the LAL method)

**Purity** >95%

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.  
If bio-activity of the protein is needed, please check active protein.

**Stability** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage** Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution** Reconstitute in PBS or others.

### Gene Information

**Gene Name** [HTN1 histatin 1 \[ Homo sapiens \]](#)

**Official Symbol** [HTN1](#)

**Synonyms** HTN1; histatin 1; histatin-1; HIS1; PPB; post-PB protein; histidine-rich protein 1;

**Gene ID** [3346](#)

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mRNA Refseq [NM\\_002159](#)

Protein Refseq [NP\\_002150](#)

MIM [142701](#)

UniProt ID [P15515](#)

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