

Recombinant Human HTN1 Protein, His-tagged

Cat. No. HTN1-251H **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.
Species	Human
Source	E.coli
ProteinLength	Asp20~Asn57
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	10.6kDa
Endotoxin	<1.0EU per 1g (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.

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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
mRNA Refseq	NM_002159
Protein Refseq	NP_002150
MIM	142701
UniProt ID	P15515

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