

Recombinant Human HTN3 Protein, His&GST-tagged

Cat. No. HTN3-1641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HTN3 Protein (Asp20-Asn51) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asp20-Asn51
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 7.7 kDa Accurate Molecular Mass: 37 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

HTN3 histatin 3 [Homo sapiens (human)]

Official Symbol

HTN3

Synonyms

HTN3; histatin 3; histatin-3; HIS2; PB; hst; histatin 5; histidine-rich protein 3; basic histidine-rich protein; HTN2; HTN5;

Gene ID

3347

mRNA Refseq

NM_000200

Protein Refseq

NP_000191

MIM

142702

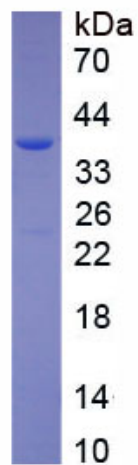
UniProt ID

P15516

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