

Histatin 1 (HTN1) Recombinant Protein | HTN1 recombinant protein

Recombinant Histatin 1 (HTN1)

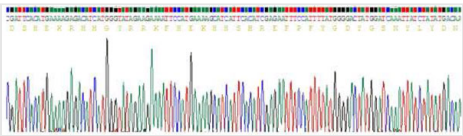
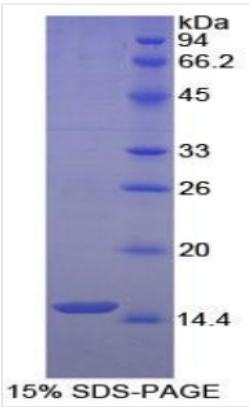
CATALOG # AAA134011	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Histatin 1 (HTN1); Recombinant Histatin 1 (HTN1); HTN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Sequence	DSHEKRHHGY RRFKEKHHS HREFPFYGDY GSNLYDN
Applicable Applications for HTN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp20~Asn57
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.4
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Preparation and Storage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504529
NCBI GeneID	3346
NCBI Accession #	NP_002150.1
NCBI GenBank Nucleotide #	NM_002159.2
UniProt Accession #	P15515
Molecular Weight	Predicted Molecular Mass: 11.5kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	histatin-1
NCBI Official Synonym Full Names	histatin 1
NCBI Official Symbol	HTN1
NCBI Official Synonym Symbols	HIS1
NCBI Protein Information	histatin-1; PPB; post-PB protein; histidine-rich protein 1
UniProt Protein Name	Histatin-1
UniProt Gene Name	HTN1
UniProt Synonym Gene Names	HIS1; PPB; His1 31/57; His1 12/38
UniProt Entry Name	HIS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/htn1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134011>