

## Native Human AMBP Protein, GMP Grade

### Product Information

**Cat#**

AMBP-117THP

**Common Name**

AMBP

**Product Name**

Native Human AMBP Protein, GMP Grade

**Product Overview**

Native Human AMBP Protein was purified from Human urine and was produced in an animal component free process under cGMP guidelines.

**Description**

This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes.

**Source**

Human urine

**Species**

Human

**Form**

Lyophilized (freeze-dried) powder

**Bio-activity**

## Native Human AMBP Protein, GMP Grade

HuUTI has an activity of 1000 IU/mg

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### Endotoxin

<0.001 EU/μg of the peptide by the LAL method

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### Purity

> 98 % as determined by the following methods: (a) RP-HPLC analysis (b) Anion-exchange FPLC (c) Reducing and non-reducing SDS-PAGE Silver Stained gel analysis

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### Applications

UTI is an effective for acute pancreatitis, chronic recurrent pancreatitis and hemorrhagic, traumatic and endotoxic shocks.

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### Usage

Acute pancreatitis, chronic recurrent pancreatitis and hemorrhagic, traumatic and endotoxic shocks

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### Storage Buffer

Sterile filtered white lyophilized (freeze-dried) powder, lyophilized from a (1 mg/mL) solution containing no additives

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### Reconstitution

It is recommended that the lyophilized HuUTI be reconstituted in sterile 18 MΩ-cm H<sub>2</sub>O not less than 100 μg/mL, which can then be further diluted to other aqueous solutions.

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### Gene Name

[AMBP alpha-1-microglobulin/bikunin precursor \[ Homo sapiens \(human\) \]](#)

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### Official Symbol

[AMBP](#)

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### Synonyms

AMBP; alpha-1-microglobulin/bikunin precursor; ITI, ITIL; protein AMBP; bikunin; complex forming glycoprotein heterogeneous in charge; EDC1; growth inhibiting protein 19; HCP; HI30; IATIL;



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inter alpha trypsin inhibitor light chain; ITILC; protein HC; trypstatin; uristatin; uronic acid rich protein; UTI; uronic-acid-rich protein; growth-inhibiting protein 19; inter-alpha-trypsin inhibitor light chain; complex-forming glycoprotein heterogeneous in charge; A1M; ITI; ITIL;

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**GeneID**

[259](#)

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**mRNA Refseq**

[NM\\_001633](#)

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**Protein Refseq**

[NP\\_001624](#)

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**MIM**

[176870](#)

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**UniProt ID**

[P02760](#)

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