

# Native Human Alpha-1-Microglobulin/Bikunin Precursor

Cat. No. AMBP-5312H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Native human AMBP was expressed in Human Urine.
<b>Species</b>	Human
<b>Source</b>	Human Urine
<b>Description</b>	AMBP, also known as protein HC (for Heterogeneous Charge), is a low molecular weight protein component of plasma first discovered in pathological human urine. AMBP is a member of the lipocalin superfamily. Evidence suggests that Human AMBP functions in the regulation of the immune system.
<b>Form</b>	Lyophilized in 0.02M Ammonium Bicarbonate.
<b>Purity</b>	> 98% as determined by SDS-PAGE
<b>Reconstitution</b>	Reconstitute in 0.05M PBS pH 7.0 + 0.15M NaCl.
<b>Storage</b>	Lyophilized powder is stable for 1 year at 2-4 °C. After reconstitution store in working aliquots at -20 °C. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	AMBP alpha-1-microglobulin/bikunin precursor [ Homo sapiens ]
<b>Official Symbol</b>	AMBP

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**Synonyms** AMBP; alpha-1-microglobulin/bikuninprecursor; HCP; ITI; UTI; EDC1; HI30; ITIL; IATIL;ITILC; Bikunin; Uristatin; Protein HC; Trypstatin; Uronic-acid-rich protein;Growth-inhibiting protein 19; Inter-alpha-trypsin inhibitor light chain;Complex-forming glycoprotein heterogeneous in charge; OTTHUMP00000021967; OTTHUMP00000063975

**Gene ID** [259](#)

**mRNA Refseq** [NM\\_001633](#)

**Protein Refseq** [NP\\_001624](#)

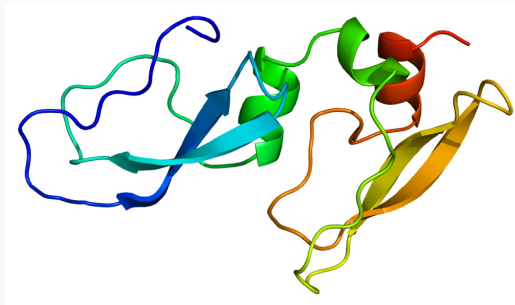
**MIM** [176870](#)

**UniProt ID** [P02760](#)

**Chromosome Location** 9q32-q33

**Function** IgA binding; calcium channelinhibitor activity; calcium oxalate binding; heme binding; peptidaseinhibitor activity; transporter activity; serine-type endopeptidase inhibitoractivity; protein homodimerization activity

**PDB rendering based on 1bik.**



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