

Native Human Alpha-1-Microglobulin/Bikunin Precursor

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

SPECIFICATION

Product Overview	Native human AMBP was expressed in Human Urine.
Species	Human
Source	Human Urine
Description	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.
Form	Lyophilized in 0.02M Ammonium Bicarbonate.
Purity	> 98% as determined by SDS-PAGE
Reconstitution	Reconstitute in 0.05M PBS pH 7.0 + 0.15M NaCl.
Storage	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

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