Native Human Alpha-1-Microglobulin/Bikunin Precursor

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

SPECIFICATION

Product Overview	Native human AMBP wasexpressed in Human Urine.
Species	Human
Source	Human Urine
Description	AMBP, also known asprotein HC (for Heterogeneous Charge), is a low molecular weight proteincomponent of plasma first discovered in pathological human urine. AMBP is amember of the lipocalin superfamily. Evidence suggests that Human AMBPfunctions in the regulation of the immune system.
Form	Lyophilized in 0.02MAmmonium Bicarbonate.
Purity	> 98% asdetermined by SDS-PAGE
Reconstitution	Reconstitute in0.05M PBS pH 7.0+0.15M NaCl.
Storage	Lyophilized powderis stable for 1 year at 2-4 oC. Afterreconstitution store in working aliquots at -20 oC. Avoidrepeated freeze-thaw cycles.

GENE INFORMATION

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

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

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.	

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