

## Native Human AMBP

Cat. No. AMBP-27H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alpha 1-microglobulin (A1M) is an immunomodulatory protein with a broad spectrum of possible clinical applications and seems a promising marker for evaluation of tubular function. Purified from the urine of patients with chronic renal tubular proteinuria.
<b>Species</b>	Human
<b>Form</b>	Lyophilized from 0.02M NH <sub>4</sub> HCO <sub>3</sub> .
<b>Purity</b>	Greater than 96.0%.
<b>Applications</b>	Inhibition of stimulation of cultured lymphocytes by protein antigens; induction of cell division of lymphocytes, a mitogenic effect that can either be enhanced or inhibited by the action of other plasma components; inhibition of neutrophil granulocyte migration in vitro; and inhibition of chemotaxis.
<b>Usage</b>	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
<b>Storage</b>	Human A1M although stable at room temperature for 3 weeks, should be stored between 2-8°C.
<b>Reconstitution</b>	Use phosphate buffer, pH>7.0 containing 0.15M NaCl, is recommended.

### GENE INFORMATION

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<b>Gene Name</b>	AMBP alpha-1-microglobulin/bikunin precursor [ Homo sapiens ]
<b>Official Symbol</b>	AMBP
<b>Synonyms</b>	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; inter alpha trypsin inhibitor light chain; ITILC; protein HC; tryp
<b>Gene ID</b>	259
<b>mRNA Refseq</b>	NM_001633
<b>Protein Refseq</b>	NP_001624
<b>MIM</b>	176870
<b>UniProt ID</b>	P02760
<b>Chromosome Location</b>	9q32-q33
<b>Function</b>	IgA binding; calcium channel inhibitor activity; calcium oxalate binding; heme binding; peptidase inhibitor activity; protein homodimerization activity; serine-type endopeptidase inhibitor activity; transporter activity;

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