

Native Human AMBP

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

SPECIFICATION

Product Overview	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.
Species	Human
Form	Lyophilized from 0.02M NH ₄ HCO ₃ .
Purity	Greater than 96.0%.
Applications	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.
Usage	This product is furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.
Storage	Human A1M although stable at room temperature for 3 weeks, should be stored between 2-8°C.
Reconstitution	Use phosphate buffer, pH>7.0 containing 0.15M NaCl, is recommended.

GENE INFORMATION

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