

## Product datasheet for BA456

### AMBP Human Protein

#### Product data:

Product Type:	Native Proteins
Description:	AMBP human protein, 1 mg
Species:	Human
Protein Source:	Urine
Purity:	>98% SDS PAGE: >96%
Buffer:	State: Lyophilised Buffer System: 0.02 M ammonium bicarbonate
Reconstitution Method:	Restore with phosphate buffer, pH >7.0, containing 0.15 M NaCl
Preparation:	Lyophilised
Applications:	ELISA.
Protein Description:	Purified protein from the urine of patients with chronic renal tubular proteinuria.
Note:	Under certain conditions a dimer may appear showing a band of approximately 54kD.

Caution: Source material supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human sources should be handled as potentially infectious.

Storage:	Store the protein at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001624</a>
Locus ID:	259
Cytogenetics:	9q32
Synonyms:	A1M; EDC1; HCP; HI30; IATIL; ITI; ITIL; ITILC; UTI



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**Summary:**

This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes. [provided by RefSeq, Jul 2008]

**Protein Families:**

Secreted Protein