

## Product datasheet for TP308342L

### Alpha 1 microglobulin (AMBP) (NM\_001633) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human alpha-1-microglobulin/bikunin precursor (AMBP), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC208342 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MRSLGALLLLLSACLAVSAGPVPTPPDNIQVQENFNISRIYGKWYNLAIGSTCPWLKKIMDRMTVSTLVL  
GEGATEAEISMTSTRWRKGVCEETSGAYEKTDTDGKFLYHKSKNITMESYVHTNYDEYAIFLTCKFSR  
HHGPTITAKLYGRAPQLRELLQDFRVAQGVGIPEDSIFTMADRGECPGEQEPEPILIPRVRRAVLPQ  
EEEGSGGGQLVTEVTKKEDSCQLGYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNGNNFTEKECLQT  
CRTVAACNLPVIRGPCRAFIQLWAFDAVKGKCVLFPYGGCQGNKNKFYSEKREYCGVPGDGDELLRF  
SN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

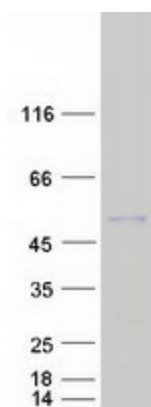
Tag:	C-Myc/DDK
Predicted MW:	37.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001624</a>
Locus ID:	259



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UniProt ID:	<a href="#">P02760</a>
RefSeq Size:	1450
Cytogenetics:	9q32
RefSeq ORF:	1056
Synonyms:	A1M; EDC1; HCP; HI30; IATIL; ITI; ITIL; ITILC; UTI
Summary:	<p>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]</p>
Protein Families:	Secreted Protein

### Product images:



Coomassie blue staining of purified AMBP protein (Cat# [TP308342]). The protein was produced from HEK293T cells transfected with AMBP cDNA clone (Cat# [RC208342]) using MegaTran 2.0 (Cat# [TT210002]).