

Product datasheet for **TP308342M**

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), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC208342 protein sequence

Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MRS LGALLLLLSACLAVSAGPVPTPPDNIQVQENFNISRIYGKWYNLAIGSTCPWLKKIMDRMTVSTLVL
GEGATEAEISMSTRWRKGVCEETSGAYEKD TDGKFLYHKS KWNITMESYV VHTNYDEY AIFLTKKFSR
HHGPTITAKLYGRAPQLRELLQDFRVAQGVGIPEDSIFTMADRGECPGEQEPEPILIPVRRVAVLPQ
EEEGSGGGQLVTEVTKKEDSCQLGYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNGN NFVTEKECLQT
CRTVAACNLPIVRGPCRAFIQLWAFDAVKGKCVLFPYGGCQGN GNKFYSEK ECREYCGVPGDGDEELLRF
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: [NP_001624](#)

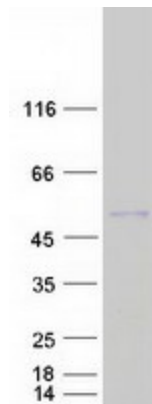
Locus ID: 259



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UniProt ID:	P02760
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]).