

Product datasheet for **TP308342**

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), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC208342 protein sequence

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

M R S L G A L L L L L S A C L A V S A G P V P T P P D N I Q V Q E N F N I S R I Y G K W Y N L A I G S T C P W L K K I M D R M T V S T L V L
G E G A T E A E I S M T S T R W R K G V C E E T S G A Y E K T D T D G K F L Y H K S K W N I T M E S Y V V H T N Y D E Y A I F L T K K F S R
H H G P T I T A K L Y G R A P Q L R E T L L Q D F R V V A Q G V G I P E D S I F T M A D R G E C V P G E Q E P E P I L I P R V R R A V L P Q
E E E G S G G G Q L V T E V T K K E D S C Q L G Y S A G P C M G M T S R Y F Y N G T S M A C E T F Q Y G G C M G N G N N F V T E K E C L Q T
C R T V A A C N L P I V R G P C R A F I Q L W A F D A V K G K C V L F P Y G G C Q G N G N K F Y S E K E C R E Y C G V P G D G D E L L R F
S N

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]).