

# Recombinant Human AMBP Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** AMBP-1942H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	AMBP MS Standard C13 and N15-labeled recombinant protein (NP_001624) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	39 kDa
<b>AA Sequence</b>	MRLSGALLLLLSACLAVSAGPVPTPPDNIQVQENFNISRIYGKWYNLAIGSTCPWLKK IMDRMTVSTLVLGEGATEAEISMTSTRWRKGVCEETSGAYEKDSTDGKFLYHKSKW NITMESYVVHTNYDEYAIFLTKKFSRHHGPTITAKLYGRAPQLRELLQDFRVVAQGV GIPEDSIFTMADRGECPGEGEPEPILIPRVRRVLPQEEEGSGGGQLVTEVTKKED SCQLGYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNGNMFVTEKECLQTCRT VAACNLPIVRGPCRAFIQLWAFDAVKGKCVLFPYGGCQGNGNKFYSEKECREYCGV

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PGDGDEELLRFSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [AMBP alpha-1-microglobulin/bikunin precursor \[ Homo sapiens \(human\) \]](#)

**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; trypstatin; uristatin; uronic acid rich protein; UTI; uronic-acid-rich protein; growth-inhibiting protein 19; inter-alpha-trypsin inhibitor light chain; complex-forming glycoprotein heterogeneous in charge; A1M; ITI; ITIL;

**Gene ID** [259](#)

**mRNA Refseq** [NM\\_001633](#)

**Protein Refseq** [NP\\_001624](#)

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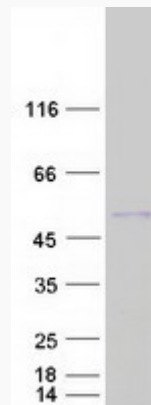
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**MIM** 176870

**UniProt ID** P02760

**SDS-PAGE**



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