

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

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

SPECIFICATION

Product Overview	AMBP MS Standard C13 and N15-labeled recombinant protein (NP_001624) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	39 kDa
AA Sequence	MRS LGALLLLLSACLA VSAGPVPTPPDNIQVQENFNISRIYGK WYNLAIGSTCPWLKK IMDRMTVSTLVLGEGATEAEISMTSTRWRKGVCEETSGAYEKD TDGKFLYHKSKW NITMESYVVHTNYDEYAI FLTKKFSRHHGPTITAKLYGRAPQLRETL LQDFRVVAQGV GIPEDSIFTMADRGE CVPGEQEPEPILIPRVRRAVLPQEEEGSGGGQLVTEVTKKED SCQLGYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNGN NFVTEKECLQTCRT 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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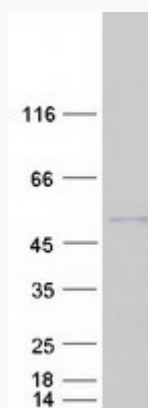
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MIM 176870

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SDS-PAGE



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