

Recombinant Full Length Human AMBP Protein, GST-tagged

Cat. No. AMBP-1024HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human AMBP full-length ORF (AAH41593, 19 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	352 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	62.48 kDa
AA Sequence	AGPVPTPPDN IQVQGNFNIS RIYGKWYNLA IGSTCPWLKK IMDRMTVSTL VLGEGATEAE ISMTSTRWRK GVCEETSGAY EKTDTDGKFL YHKSKNITM ESYVVHTNYD EYAIFLTCKF SRHHGPTITA KLYGRAPQLR ETLQDFRVV AQQVGIPEDS IFTMADRGEC VPGEQEPEPI LIPRVRRAVL PQEEEGSGGG QLVTEVTKKE DSCQLGYSAG PCMGMSRYF YNGTSMACET FQYGGCMGNG NNFVTEKECL QTCRTVAACN LPIVRGPCRA FIQLWAFDAV KGKCVLFPYG

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GCQGNNGNKFY SEKECREYCG VPGDGDEELL RFSN

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

AMBP alpha-1-microglobulin/bikunin precursor [Homo sapiens]

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

MIM

176870

UniProt ID

P02760

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