

Active Recombinant Human AMBP protein, His-tagged

Cat. No. AMBP-494H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMBP protein(CAA38587.1)(Ala206-Leu348), fused with His tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	Ala206-Leu348
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK (Dnp)-NH ₂ . The IC ₅₀ value is < 5 nM.
Molecular Mass	The recombinant human AMBP consists 161 amino acids and predicts a molecular mass of 17.4 kDa.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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