



# Recombinant Rat Protein AMBP (Ambp)

<b>Product Code</b>	CSB-EP723730RA
<b>Abbreviation</b>	Ambp
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q64240
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	D NVPTLPDIQV QENFNARIY GKWFNLAVGS TCPWLRRIKN KMSVSTLVLQ EGATEAEISV TSTQWRKGV C EEISGVYQKT DIDGKFLYHK SKWNATLESY VVHTNYDEYA IFLTKKFSHR HGPTITAKLY GREPQLRDSL LQEFREVALS VGIPENSIVF MADRGECVPG DREVESTSFA RA
<b>Source</b>	E.coli
<b>Target Names</b>	Ambp
<b>Protein Names</b>	Recommended name: Protein AMBP Cleaved into the following 3 chains: 1. Alpha-1-microglobulin 2. Inter-alpha-trypsin inhibitor light chain Short name= 3. ITI-LC Alternative name(s): Bikunin HI-30 Trypstatin
<b>Expression Region</b>	20-202
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</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>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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