



Recombinant Rat Protein AMBP (Ambp)

Product Code	CSB-EP723730RA-B
Abbreviation	Ambp
Storage	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.
Uniprot No.	Q64240
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	D NVPTLPDIQV QENFNARIY GKWFNLAVGS TCPWLRRIKN KMSVSTLVLQ EGATEAEISV TSTQWRKGV C EEISGVYQKT DIDGKFLYHK SKWNATLESY VVHTNYDEYA IFLTKKFSHR HGPTITAKLY GREPQLRDSL LQEFREVALS VGIPENSIVF MADRGECVPG DREVESTSFA RA
Source	E.coli
Target Names	Ambp
Protein Names	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
Expression Region	20-202
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	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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