

RP02794

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Recombinant Human AMBP Protein

Catalog No.: RP02794 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	259	P02760

Tags

C-His

Synonyms

A1M; HCP; ITI; UTI; EDC1; HI30; ITIL; IATIL; ITILC; AMBP

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact



www.abclonal.com

Background

Protein AMBP belongs to the calycin superfamily and Lipocalin family. AMBP can be cleaved into three chains: α-1-microglobulin, inter-α-trypsin inhibitor light chain and trypstatin. AMBP is expressed by the liver and secreted in plasma. α-1-microglobulin occurs in many physiological fluids including the plasma, urine, and cerebrospinal fluid. Inter-α-trypsin inhibitor is present in the plasma and urine. α-1-microglobulin occurs as a monomer and also in complexes with IgA and albumin, Inter-α-trypsin inhibitor inhibits trypsin, plasmin and lysosomal granulocytic elastase. Trypstatin act as a trypsin inhibitor, exists in a monomer forms and also occurs as a complex with trypstatin in mast cells.

Basic Information

Description

Recombinant Human AMBP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly20-Val203) of human AMBP (Accession #NP_001624.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

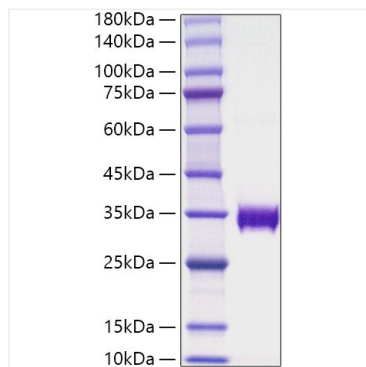
For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Human AMBP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.