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32-7723: Recombinant Human Alpha 1-Microglobulin/AMBP (C-6His)

Gene : AMBP
Gene ID : 259
Uniprot ID : P02760

Description

Source: Human Cells.
MW :21.9kD.
Recombinant Human alpha 1-Microglobulin is produced by our Mammalian expression system and the target gene encoding Gly20-Val203 is expressed with a 6His tag at the C-terminus. Protein AMBP belongs to the calycin superfamily and Lipocalin family. AMBP can be cleaved into three chains: a-1-microglobulin, inter-a-trypsin inhibitor light chain and trypstatin. AMBP is expressed by the liver and secreted in plasma. a-1-microglobulin occurs in many physiological fluids including the plasma, urine, and cerebrospinal fluid. Inter-a-trypsin inhibitor is present in the plasma and urine. a-1-microglobulin occurs as a monomer and also in complexes with IgA and albumin, Inter-a-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 tryptase in mast cells.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	GPVPTPPDNIQVQENFNISRIYGKWYNLAIGSTCPWLKKIMDRMTVSTLVLGEGATEAEISMTSTRWRKGVCEE TSGAYEKTDTDGKFLYHKSKWNITMESYVVHTNYDEYAIFLTKKFSRHHGPTITAKLYGRAPQLRETLLQDFRVV AQGVGIPEDSIFTMADRGECVPGEQEPEPILIPRVVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.