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Datasheet for ABIN7319704
AMBP Protein (His tag)

Overview

Quantity:	50 µg
Target:	AMBP
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMBP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human AMBP/Alpha 1 Microglobulin Protein (His Tag)
Sequence:	Gly20-Val203
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	AMBP
Alternative Name:	AMBP/Alpha 1 Microglobulin (AMBP Products)
Background:	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

Target Details

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 tryptase in mast cells.

Synonym: Protein AMBP, Alpha-1-Microglobulin, Protein HC, Alpha-1 Microglycoprotein, Complex-Forming Glycoprotein Heterogeneous in Charge, Inter-Alpha-Trypsin Inhibitor Light Chain, ITI-LC, Bikunin, EDC1, HI-30, Uronic-Acid-Rich Protein, Trypstatin, AMBP, HCP, ITIL,A1M,EDC1,HCP,HI30,IATIL,ITI,ITIL,ITILC,UTI

Molecular Weight: 21.9 kDa

UniProt: [P02760](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.