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Datasheet for ABIN7319695

Apolipoprotein M Protein (APOM) (His tag)

Overview

Quantity:	50 µg
Target:	Apolipoprotein M (APOM)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Apolipoprotein M protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human APOM Protein (His Tag)
Sequence:	Met1-Asn188
Characteristics:	Recombinant Human Apolipoprotein M is produced by our Mammalian expression system and the target gene encoding Met1-Asn188 is expressed with a 6His tag at the C-terminus.
Purity:	> 80 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Apolipoprotein M (APOM)
Alternative Name:	APOM (APOM Products)
Background:	Background: Apolipoprotein M is a secreted protein which belongs to the Lipocalin family. ApoM often presents in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins (LDL). The ApoM gene encoded protein is

Target Details

expressed in liver and kidney, secreted through the plasma membrane but remains membrane-bound. ApoM probably involved in lipid transport. ApoM can bind sphingosine-1-phosphate, myristic acid, palmitic acid and stearic acid, retinol, all-trans-retinoic acid and 9-cis-retinoic acid. The expression of ApoM could be regulated by platelet activating factor (PAF), Transforming Growth Factors (TGF), Insulin-Like Growth factor (IGF) and Leptin.

Synonym: Apolipoprotein M, Apo-M, ApoM, Protein G3a, APOM, G3A, NG20

Molecular Weight: 22.29 kDa

UniProt: [O95445](#)

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 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

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.