

Product datasheet for **TP726818**

Apolipoprotein M (APOM) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Apolipoprotein M/ApoM (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Asn188
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	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.
Storage:	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.
Stability:	12 months from date of despatch
Locus ID:	55937
UniProt ID:	O95445
Synonyms:	Apolipoprotein M; Apo-M; ApoM; Protein G3a; APOM; G3A; NG20
Summary:	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 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.
Protein Families:	Secreted Protein



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