

## 32-7507: Recombinant Human Apolipoprotein M/ApoM (C-6His)

**Gene :** APOM  
**Gene ID :** 55937  
**Uniprot ID :** O95445

### Description

Source: Human Cells.  
MW :22.29kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**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 :** MFHQIWAALLYFYGIILNSIYQCPEHSQTLTLGVDGKEFPEVHLGQWYFIAGAAPTKEELATFDVPDNIWFNMAA  
GSAPMQLHLRATIRMKDGLCVPRKWYHLTEGSTDLRTEGRPDMKTELFSSSCPGGIMLNETGQGYQRFLLYN  
RSPHPPEKCVVEEFKSLTCLDSKAFLLTPRNQEACELSNNVDHHHHHH

### 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 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.