Active Recombinant Human APOM Protein, Met & His-tagged

Cat. No. APOM-716H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOM (Accession # NP_061974) Cys23-Asn188, fused with an N-terminal Met and 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys23-Asn188
Predicted N Terminal	Met & Thr62
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to bind all-trans-retinoic acid. The concentration of all-trans-retinoic acid required to quench 50% of Trp fluorescence in Recombinant Human Apolipoprotein M/ApoM is approximately 10-50 μM.
Molecular Mass	Recombinant Human APOM, Met & His-tagged has a calculated MW of 19.5 kDa. In SDS-PAGE migrates as 19-21 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	APOM apolipoprotein M [Homo sapiens]
Official Symbol	APOM
Synonyms	APOM; apolipoprotein M; ApoM; G3a; NG20; protein G3a; NG20-like protein; alternative name: G3a, NG20; apo-M; HSPC336; MGC22400;
Gene ID	55937
mRNA Refseq	NM_001256169
Protein Refseq	NP_001243098
MIM	606907
UniProt ID	O95445
Chromosome Location	6p21

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