

Recombinant Human APOM, His-tagged

Cat. No. APOM-26747TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human APOM protein was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	23-188aa
Description	The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT.
Molecular Mass	20.9 kDa (187aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MCPEHSQLTT LGVDGKEFPE VHLGQWYFIA GAAPTKEELA TFDVPDNIVF NMAAGSAPMQ LHLRATIRMK DGLCVPRKWI YHLTEGSTD L RTEGRPDMKT ELFSSSCPGG IMLNETGQGY QRFLLYNRSP HPPEKCVVEEF KSLTSCLD SK AFLLT PRNQE ACELSNN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	APOM apolipoprotein M [Homo sapiens]
Official Symbol	APOM
Synonyms	APOM; apolipoprotein M; ApoM; G3a; NG20; apo-M; HSPC336; protein G3a; NG20-like protein; alternative name: G3a, NG20
Gene ID	55937
mRNA Refseq	NM_019101
Protein Refseq	NP_061974
MIM	606907
UniProt ID	O95445
Chromosome Location	6p21.33
Function	antioxidant activity; lipid transporter activity; phospholipid binding

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