

APOM recombinant protein

APOM, 23-188aa, Human, His tag, E Coli

CATALOG # AAA48637	HOST E Coli	APPLICATIONS SDS-Page
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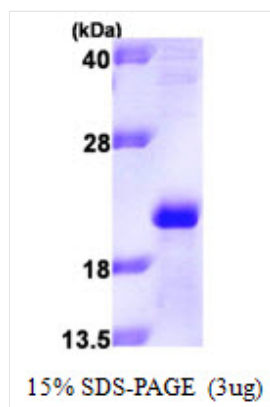
PRODUCT SYNONYMS

APOM; 23-188aa; Human; His tag; E Coli; Apolipoprotein M; G3a; HSPC336; NG20; Apolipoprotein M Apo M; ApoM; G3A; MGC22400; NG20 like protein; Protein G3a.; APOM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 1mM DTT.
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MCPESQLTT LGVDGKEFPE VHLGQWYFIA GAAPTKEELA TFDPVNIVF NMAAGSAPMQ LHLRATIRMK DGLCVPRKWI YHLTEGSTD L RTEGRPDMKT ELFSSSCP GG IMLNETGQGY QRFLLYNRSP HPPEKCV EEF KSLTSC L DSK AFLLT PRNQE ACELSNN
Sequence Length	188
Applicable Applications for APOM recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APOM recombinant protein	Apolipoproteins are protein components of plasma lipoproteins. APOM is a member of the lipocalin family of proteins. APOM is exclusively expressed in kidney tubular epithelial cells and liver hepatocytes. APOM is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. It is important for the formation of prebeta-HDL and cholesterol efflux to HDL, and thereby inhibits formation of atherosclerotic lesions. The concentration of APOM in plasma strongly correlates with total cholesterol. Low concentrations of APOM in plasma are associated with diabetes. Recombinant human APOM protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for APOM recombinant protein	Adhesion & Movement
References	Jiang J., et al. (2008) Lipids Health Dis. 7:25. ; Duan J., et al. (2001) FEBS Lett. 499 (1-2):127-32. ;

NCBI AND UNIPROT INFORMATION

NCBI GI #	22091452
NCBI GeneID	55937
NCBI Accession #	NP_061974
NCBI GenBank Nucleotide #	NM_019101.2
UniProt Accession #	O95445; Q5SRP4; Q9P046; Q9UMP6; B0UX98
Molecular Weight	20.9 kDa (187aa), confirmed by MALDI-TOF.
NCBI Official Full Name	apolipoprotein M isoform 1
NCBI Official Synonym Full Names	apolipoprotein M
NCBI Official Symbol	APOM
NCBI Official Synonym Symbols	G3a; NG20; apo-M; HSPC336
NCBI Protein Information	apolipoprotein M
UniProt Protein Name	Apolipoprotein M
UniProt Gene Name	APOM
UniProt Synonym Gene Names	G3A; NG20; Apo-M; ApoM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.