

APOM recombinant protein

Recombinant Human APOM Protein

CATALOG #
AAA55969

HOST
E. coli AA 1-188 (O95445).

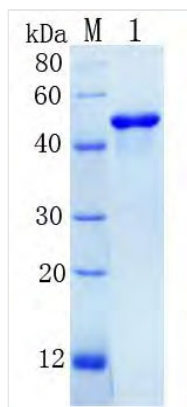
PRODUCT SYNONYMS

APOM; Recombinant Human APOM Protein; G3a; HSPC336; NG20; apo-M; APOM recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli AA 1-188 (O95445).
Purity/Purification	> 90 % as determined by SDS-PAGE.
Form/Format	10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol.
Concentration	2.1 mg/mL (varies by lot)
Sequence	MFHQIWAALL YFYGIILNSI YQCPEHSQLT TLGVDGKEFP EVHLGQWYFI AGAAPTKEEL ATFD PVDNIV FNMAAGSAPM QLHLRATIRM KDGLCVPRKW IYHLTEGSTD LRTEGRPDMK TELFSSSCPG GIMLNETGQG YQRFLLYNRS PHPPEKCVVEE FKSLTSC LDS KAFLLTPRNQ EACELSNN
Species	Human
Source	Human
Protein Residues	with N-terminal 10×His-GST-tagged.
Endotoxin Level	Please contact us for more information.
Usage	APOM Protein - Centrifuge the standard vial at 6000-10000rpm for 30s.
Preparation and Storage	Store it under sterile conditions at -20°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. The recombinant protein is stable for up to 6-12 months from date of receipt at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APOM recombinant protein	Apolipoprotein M 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. Two transcript variants encoding two different isoforms have been found for this gene, but only one of them has been fully characterized. The deduced 188-amino acid protein has a calculated molecular mass of about 21 kD. It contains a potential N-glycosylation site, 2 possible disulfide bridges, and a hydrophobic alpha-helical signal peptide that is retained in the mature protein. Sequence analysis revealed 79% identity between the human and mouse proteins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	371873523
NCBI GeneID	55937
NCBI Accession #	NP_001243098.1
NCBI GenBank Nucleotide #	NM_001256169.1
UniProt Accession #	O95445; Q5SRP4; Q9P046; Q9UMP6; B0UX98
Molecular Weight	Predicted MW: 49.8 kDa Observed MW: 50 kDa
NCBI Official Full Name	apolipoprotein M isoform 2
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
UniProt Entry Name	APOM_HUMAN

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.