

Recombinant Human APOM, Flag-tagged

Cat. No. APOM-3654H Lot. No. (See product label)

SPECIFICATION

Product Overview	Total 179 AA. MW: 20 kDa (calculated), N-Terminal Flag-tag (13 extra AA). UniProt entry O95445.
Species	Human
Source	HEK293
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.
Form	Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5.
Purity	Purity as determined by densitometric image analysis > 90%
Research topic	Energy metabolism and body weight regulation, Lipoprotein metabolism.
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Cell culture and/or animal studies; ELISA; Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein; LAL TEST to determine quantity of endotoxin

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Sequences of amino acids

HVDYKDDDDK PAGCPEHSQL TTLGVDGKEF PEVHLGQWYF IAGAAPTKEE
 LATFDVPDNI VFNMAAGSAP MQLHLRATIR MKDGLCVPRK WIYHLTEGST
 DLRTEGRPDM KTELFSSSCP GGIMLNETGQ GYQRFLLYNR SPHPPEKCVE
 EFKSLTSCLD SKAFLLTPRN QEACELSNN

Storage

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

GENE INFORMATION

Gene Name [APOM apolipoprotein M \[Homo sapiens \]](#)

Official Symbol [APOM](#)

Synonyms APOM; apolipoprotein M; G3a; NG20; HSPC336; MGC22400; apo-M; protein G3a; NG20-like protein; OTTHUMP00000029364; OTTHUMP00000029365

Gene ID [55937](#)

mRNA Refseq [NM_019101](#)

Protein Refseq [NP_061974](#)

MIM [606907](#)

UniProt ID [O95445](#)

Chromosome 6p21

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Location

Function

binding; lipid transporter activity

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