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 LATFDPVDNI 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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