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## Product Data Sheet

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Product Name: APOM Human, HEK

Cat. No.: GP20068

Batch No.: 1

**Product Data**

Purity	>98%	Source	HEK293.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	G3a; HSPC336; NG20; Apolipoprotein M; APOM; Apo-M; MGC22400.		
Amino Acid Sequence	HVDYKDDDDK PAGCPEHSQL TTLGVDGKEF PEVHLGQWYF IAGAAPTKEE LATFDPVDNI VFNMAAGSAP MQLHLRATIR MKDGLCVPRK WIYHLTEGST DLRTEGRPDM KTELFSSSCP GGIMLNETGQ GYQRFLLYNR SPHPPEKCVE EFKSLTSCLD SKAFLLTPRN QEACELSNN		
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.		
Formulation	APOM Human was filtered (0.4µm) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS and 50mM NaCl, pH 7.5.		

**Introduction**

APOM is belongs to the lipocalin protein family and is associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. APOM is secreted through the plasma membrane but remains membrane-bound, where it takes part in lipid transport.

**Stability**

Store lyophilized APOM Human at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted APOM Human can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C .

**Background**

APOM HEK Human Recombinant Protein is 20 kDa protein containing 179 amino acid

**Caution: Product has not been fully validated for medical applications. For research use only.**

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residues of the APOM Human and 13 additional amino acid residues of flag Tag.

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