
Product Data Sheet

Product Name: APOM Human
 Cat. No.: GP20067
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	G3a; HSPC336; NG20; Apolipoprotein M; APOM; Apo-M; MGC22400.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MCPHEHSQLTT LGVDGKEFPE VHLGQWYFIA GAAPTKEELA TFDVDNIVF NMAAGSAPMQ LHLRATIRMK DGLCVPRKWI YHLTEGSTDL RTEGRPDMKT ELFSSSCP GG IMLNETGQGY QRFLLYNRSP HPPEKCVVEEF KSLTSCLD SK AFLTPRNQE ACELSNN.		
Formulation	APOM Human solution containing 20mM Tris-HCl pH-8 1mM DTT & 10% glycerol.		

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 at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

APOM Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 187 amino acids (23-188 a.a.) and having a molecular mass of 20.9 kDa. APOM protein is fused to a 21 amino acid His-Tag at N-terminus and purified by standard chromatography.

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

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