

APOM Human

Description: 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.

Catalog #: CYP5-722

For research use only.

Synonyms: G3a, HSPC336, NG20, Apolipoprotein M, APOM, Apo-M, MGC22400.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MCPEHSQ LTT LGVDGKEFPE
VHLGQWYFIA GAAPTKEELA TFDVNDIVF NMAAGSAPMQ LHLRATIRMK DGLCVPRKWI
YHLTEGSTDL RTEGRPDMKT ELFSSSCPGG IMLNETGQGY QRFLLYNRSP HPPEKCVVEEF
KSLTSLDSK AFLTPRNQE ACELSNN.

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

APOM Human solution containing 20mM Tris-HCl pH-8 1mM DTT & 10% glycerol.

Stability:

APOM Human although stable at 4°C for 1 week, should be stored desiccated below -18°C.

Please prevent freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

APOM 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.

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