

Human Apolipoprotein M/APOM, Tag Free

HA211307



Product name:	Human Apolipoprotein M/APOM, Tag Free
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human Apolipoprotein M/APOM protein (O95445-1) (Cys 23-Asn 188) was expressed with tag free.

Background: Apolipoprotein M is an apolipoprotein and member of the lipocalin protein family that in humans is encoded by the APOM gene. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Two transcript variants encoding two different isoforms have been found for this gene, but only one of them has been fully characterized. It lacks an external amphipathic motif and is uniquely secreted to plasma without cleavage of its terminal signal peptide.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per µg by the LAL method.

Fragment region: Apolipoprotein M/APOM (23-188)

Source: HEK293

Accession: O95445-1

Predicted molecular mass: 19.3 kD

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 µg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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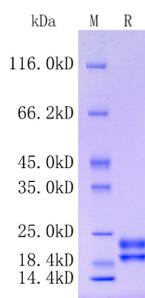


Fig1: Protein on SDS-PAGE under reducing (R) condition.

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