APOM (Human) Recombinant Protein

Catalog # P8439 Size 2 x 10 ug

Specification

Product Description	Human APOM (O95445, 23 a.a. - 188 a.a.) partial-length recombinant protein with His-tag at N-terminal expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMCPEHSQLTTLGVDGKEFPEVHLGQWYFIAGAAPTKEELATFD PVDNIVFNMAAGSAPMQLHLRATIRMKDGLCVPRKWIYHLTEGSTDLRTEGRPDMKTELFSSSCP GGIMLNETGQGYQRFLLYNRSPHPPEKCVEEFKSLTSCLDSKAFLLTPRNQEACELSNN.
Host	Escherichia coli
Theoretical MW (kDa)	20.9
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90% by SDS-PAGE
Storage Buffer	20mM Tris-HCl pH-8 1mM DTT and 10% glycerol.
Storage Instruction	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.

Applications

- SDS-PAGE

Gene Info — APOM

Entrez GeneID	55937
Protein Accession#	O95445

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Gene Name	APOM
Gene Alias	G3a, HSPC336, MGC22400, NG20
Gene Description	apolipoprotein M
Omim ID	606907
Gene Ontology	Hyperlink
Gene Summary	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 lipoprot eins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma memb rane 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. [provided by RefSeq
Other Designations	NG20-like protein|OTTHUMP00000029364|alternative name: G3a, NG20

Disease

- Alzheimer disease
- Arthritis
- Atherosclerosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Osteoarthritis

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