

## Product datasheet for PH304679

### Apolipoprotein M (APOM) (NM\_019101) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	APOM MS Standard C13 and N15-labeled recombinant protein (NP_061974)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204679
Predicted MW:	21.1 kDa
Protein Sequence:	>RC204679 representing NM_019101 Red=Cloning site Green=Tags(s)  MFHQIWAALLYFYGIILNSIYQCPEHSQLTTLGVDGKEFPEVHLGQWYFIAGAAPTKEELATFDPVDNIV FNMAAGSAPMQLHLRATIRMKDGLCVPRKIYHLTEGSTDLRTEGRPDMKTELFSSSCP GGIMLNETGQG YQRFLLYNRSPHPPEKCVVEFKSLTSCLDKAFLLTPRNQEACELSN  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_061974</a>
RefSeq Size:	790
RefSeq ORF:	564
Synonyms:	apo-M; G3a; HSPC336; NG20
Locus ID:	55937
UniProt ID:	<a href="#">O95445</a>



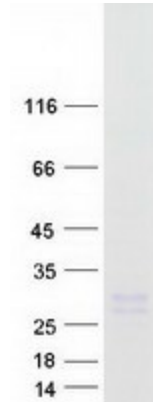
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**Cytogenetics:** 6p21.33

**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 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. Alternate splicing results in both coding and non-coding variants of this gene. [provided by RefSeq, Jan 2012]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified APOM protein (Cat# [TP304679]). The protein was produced from HEK293T cells transfected with APOM cDNA clone (Cat# [RC204679]) using MegaTran 2.0 (Cat# [TT210002]).