

Recombinant Mouse ApoA1 protein(Met1-Gln264), His-tagged

Cat. No. ApoA1-7404M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ApoA1 (Q00623) (Met1-Gln264) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-264 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse ApoA1 comprises 257 amino acids and has a predicted molecular mass of 30.2 kDa. The apparent molecular mass of the protein is approximately 27-31 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Apoa1 apolipoprotein A-I \[Mus musculus \]](#)

Official Symbol [Apoa1](#)

Synonyms APOA1; apolipoprotein A-I; apo-AI; apoA-I; apolipoprotein A1; Sep2; Alp-1; Ltw-1; Sep-1; Sep-2; Apoa-1; Brp-14; Lvtw-1; MGC102525;

Gene ID [11806](#)

mRNA Refseq [NM_009692](#)

Protein Refseq [NP_033822](#)

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