Recombinant Mouse Apoa2 Protein, His-tagged

Cat. No. Apoa2-207M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Apoa2 Protein (Gln24-Lys102) with N-His tag was expressed in CHO.
Species	Mouse
Source	CHO
ProteinLength	Gln24-Lys102
Description	This gene encodes a component of high density lipoproteins (HDL). Mice lacking the encoded protein have low HDL-cholesterol levels, smaller HDL particles, increased clearance of triglyceride-rich lipoproteins and insulin hypersensitivity. Transgenic mice overexpressing the encoded protein have elevated levels of HDL-cholesterol and show increased susceptibility to atherosclerosis. Alternative splicing of this gene results in multiple variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.5 kDa Accurate Molecular Mass: 11 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

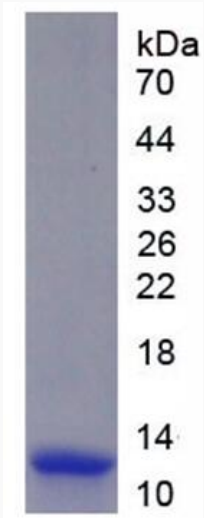
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Apoa2 apolipoprotein A-II [Mus musculus (house mouse)]
Official Symbol	Apoa2
Synonyms	APOA2; apolipoprotein A-II; apo-AII; apolipoprotein A2; Alp-2; Hdl-1; ApoAII; Apoa-2; ApoA-II
Gene ID	11807
mRNA Refseq	NM_013474
Protein Refseq	NP_038502
UniProt ID	P09813

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



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