

## Recombinant Mouse ApoA2 Protein, His-tagged

**Cat. No.** ApoA2-209M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ApoA2 Protein (Gln24-Lys102) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Protein Length</b>	Gln24-Lys102
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 22.6 kDa Accurate Molecular Mass: 19 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

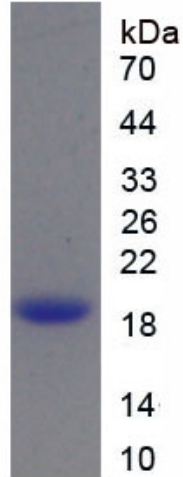
## GENE INFORMATION

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

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