

Recombinant Mouse Apod protein, His & GST-tagged

Cat. No. Apod-2041M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Apod aa. (Met1~Leu189) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Leu189
Form	Freeze-dried powder
Molecular Mass	52kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.8.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

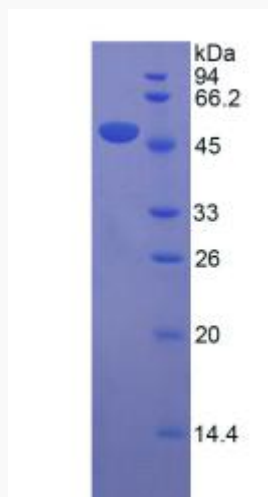
GENE INFORMATION

Gene Name	<i>Apod</i> apolipoprotein D [<i>Mus musculus</i> (house mouse)]
Official Symbol	<i>Apod</i>
Synonyms	ABCA8; ATP binding cassette subfamily A member 8; ATP-binding cassette sub-family A member 8; ATP-binding cassette, sub-family A (ABC1), member 8
Gene ID	11815
mRNA Refseq	NM_001301353.1
Protein Refseq	NP_001288282.1
UniProt ID	P51910

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SDS-PAGE

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