

Recombinant Rat ApoA5 protein, His-tagged

Cat. No. ApoA5-2089R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ApoA5 aa. (Gln169~Gly367 (Accession # Q9QUH3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln169~Gly367
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP.
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.

Storage Buffer

Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in ddH₂O.

GENE INFORMATION

Gene Name

[Apoa5 apolipoprotein A5 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Apoa5](#)

Synonyms

KIR2DL3; killer cell immunoglobulin like receptor, two Ig domains and long cytoplasmic tail 3; p58; NKAT; GL183; NKAT2; CD158b; NKAT2A; killer cell immunoglobulin-like receptor 2DL3; NKAT2B; CD158B2; KIR-K7b; KIR-K7c; KIR2DS5; KIRCL23; KIR-023GB; CD158 antigen-like family member B2; NKAT-2; killer cell immunoglobulin-like receptor two domains long cytoplasmic tail 3; killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 5; killer inhibitory receptor cl 2-3; natural killer associated transcript 2; natural killer cell inhibitory receptor KIR2DL3; p58 NK receptor CL-6; p58 natural killer cell receptor clone CL-6; p58.2 MHC class-I specific NK receptor

Gene ID

[140638](#)

mRNA Refseq

[NM_001277264.1](#)

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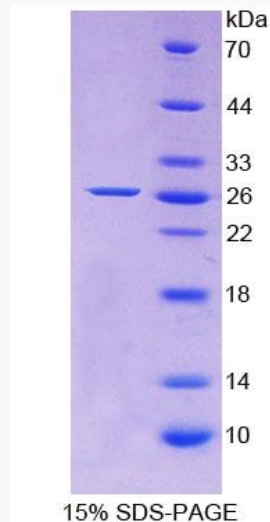
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Protein Refseq NP_001264193.1

UniProt ID Q9QUH3



SDS-PAGE

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