

## Recombinant Rat ApoA5 protein, GST-tagged

**Cat. No.** ApoA5-2533R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Rat ApoA5 protein(Q9QUH3)(21-367aa), fused to N-terminal GST tag, was expressed in E. coli.  |
| <b>Species</b>          | Rat  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 21-367aa   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  |
| <b>Molecular Mass</b>   | 66.4 kDa   |
| <b>AA Sequence</b>      | RKSFWEYFGQNSQGKGMGQQKLAQESLKGSLEQDLYNMNNFLEKLGPLREPG<br>KEPPRLAQDPEGIRKQLQQELEEVSTRLEPYMAAKHQVGVWNLEGLRQQLKPYTV<br>ELMEQVGLSVQDLQEQLRMVVGKTKAQLLGGVDEAMSLQDMQSRVLHHTDRVK<br>ELFHPYAERLVTGIGHHVQELHRSVAPHAVASPARLSRCVQTLSHKLTRKAKDLHTS<br>IQRNLDQLRDELSTFIRVSTDGADNRDSLDPQALSDEVQRQLQAFRHDTYLQIAAFT<br>QAIDQETEEIQHQLAPPPPSHSAFAPELGHSDSNKALSRLQSRLDDLWEDIAYGLHD<br>QGHSQNNPEGHSG |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [Apoa5 apolipoprotein A-V \[ Rattus norvegicus \]](#)

**Official Symbol** [Apoa5](#)

**Synonyms** APOA5; apolipoprotein A-V; apo-AV; apoA-V; apolipoprotein A5; regeneration-associated protein 3; MGC108612;

**Gene ID** [140638](#)

**mRNA Refseq** [NM\\_080576](#)

**Protein Refseq** [NP\\_542143](#)

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