

Product datasheet for **TP505662**

Apoa5 (NM_080434) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse apolipoprotein A-V (Apoa5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA >MR205662 representing NM_080434
Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MAAVITWALALLAVFASTQARKSLWDYFSQNSWSKGVMGQPQKLAQENLKGSFEQDLYNMNNYLEKLGPL
RGPGKEPPLLAQDPEGIRKQLQQELGEVSSRLEPYMAAKHQVGVNLEGLRQQLKPYTAELMEQVGLSVQ
ELQEQLRVVGEDTKAQLLGGVDEALNLLQDMQSRVLHHTDRVKELFHPYAERLVTGIGHHVQELHRVAP
HAAASPARLSRCVQTLSHKLTRKAKDLHTSIQRNLDQLRDELAFIRVSTDGAEDGDSLDPQALSEEVRQ
RLQAFRHDTYLQIAAFTQAIDQETEEIQHQLAPPPPSHSAPAPLGHSDSNKALSRLQSRLLDDLWEDIAY
GLQDQGHSHLSLSDPEGHSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 41.7 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_536682](#)
Locus ID: 66113
UniProt ID: [Q8C7G5](#)



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RefSeq Size: 2321

Cytogenetics: 9 A5.2

RefSeq ORF: 1104

Synonyms: 1300007O05Rik; Apoav; RAP3

Summary: Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and an inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages (By similarity).[UniProtKB/Swiss-Prot Function]