

## APOE recombinant protein

Recombinant Mouse APOE Protein

| CATALOG # | HOST        | REACTIVITY | APPLICATIONS                  |
|-----------|-------------|------------|-------------------------------|
| AAA263180 | Human cells | Mouse      | SDS-Page, Western Blot, ELISA |

### PRODUCT SYNONYMS

APOE; Recombinant Mouse APOE Protein; Apolipoprotein E; Apo-E; APOE recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | Human cells                                                                                                                                                                                                                                                                                                                                             |
| Reactivity                                           | Mouse                                                                                                                                                                                                                                                                                                                                                   |
| Purity/Purification                                  | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                                                                                                                                                    |
| Form/Format                                          | Lyophilized from a 0.2 uM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.                                                                                                                                                                                                                                                                             |
| Sequence                                             | EGEPEVTDQL EWQSNQPWEQ ALNRFWDYLR WVQTLSDQVQ EELQSSQVTQ ELTALMEDTM TEVKAYKKEL<br>EEQLGPVAEE TRARLGKEVQ AAQARLGADM EDLRNRLGQY RNEVHTMLGQ STEEIRARLS THLRKMRKRL<br>MRDAEDLQKR LAVYKAGARE GAERGVS AIR ERLGPLVEQG RQRTANLGAG AAQPLRDRAQ AFGDRIRGRL<br>EEVGNQARDR LEEVREHMEE VRSMEEQTQ QIRLQAEIFQ ARLKGWFPEI VEDMHRQWAN LMEKIQASVA<br>TNPIITPVAQ ENQVDHHHHH H |
| Sequence Length                                      | 311                                                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for APOE recombinant protein | MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA                                                                                                                                                                                                                                                                                              |
| Endotoxin                                            | Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.                                                                                                                                                                                                                                                                                               |
| Directions for Use                                   | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.                                                                         |
| Preparation and Storage                              | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.                                                                                                                   |

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                         |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for APOE recombinant protein | Recombinant Mouse APOE Protein is produced by our mammalian expression system and the target gene encoding Glu19-Gln311 is expressed with a 6His tag at the C-terminus. |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | <a href="#">802084029</a>      |
| NCBI GeneID                      | <a href="#">11816</a>          |
| NCBI Accession #                 | <a href="#">NP_001292748.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001305819.1</a> |
| UniProt Accession #              | <a href="#">P08226</a>         |
| NCBI Official Full Name          | apolipoprotein E               |
| NCBI Official Synonym Full Names | apolipoprotein E               |

|                               |                  |
|-------------------------------|------------------|
| NCBI Official Symbol          | Apoe             |
| NCBI Official Synonym Symbols | Apo-E; AI255918  |
| NCBI Protein Information      | apolipoprotein E |
| UniProt Protein Name          | Apolipoprotein E |
| UniProt Gene Name             | <b>Apoe</b>      |
| UniProt Synonym Gene Names    | Apo-E            |
| UniProt Entry Name            | APOE_MOUSE       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/apoe-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263180>