

Apolipoprotein A1 (APOA1) Recombinant Protein | APOA1 recombinant protein

Recombinant Apolipoprotein A1 (APOA1)

CATALOG # AAA133988	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

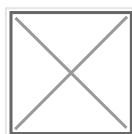
PRODUCT SYNONYMS

Apolipoprotein A1 (APOA1); Recombinant Apolipoprotein A1 (APOA1); APOA1 recombinant protein

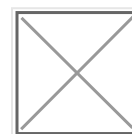
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. Its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGS-DEPQ SQWDKVKDFA NVYVDAVKDS GRDYVSQFES SSLGQQLNLN LLENWDTLGS TVSQLQERLG PLTRDFWDNL EKETDWVRQE MNKDLEEVKQ KVQPYLDEFQ KKWKEDVELY RQKVAPLGAE LQESARQKLQ ELQGRLSPVA EEFRDRMRTH VDSLRTQLAP HSEQMRESLA QRLAELKSNP TLNEYHTRAK THLKTGGEKA RPALEDLRHS LMPMLETLKT KAQSVIDKAS ETLTAQ
Sequence Length	264
Applicable Applications for APOA1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Asp25~Gln264 (Accession # Q00623) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	160333304
-----------	-----------

NCBI GeneID	11806
NCBI Accession #	NP_033822.2
NCBI GenBank Nucleotide #	NM_009692.4
UniProt Accession #	Q00623 ; Q8BPD5
Molecular Weight	31.5kDa
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	Apoa1
NCBI Official Synonym Symbols	Sep2; Alp-1; Ltw-1; Sep-1; Sep-2; Apoa-1; Brp-14; Lvtw-1; apo-AI; apoA-I
NCBI Protein Information	apolipoprotein A-I; apolipoprotein A1
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	Apoa1
UniProt Synonym Gene Names	Apo-AI; ApoA-I
UniProt Entry Name	APOA1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/apoa1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133988>