

Caveolin 1 (CAV1) Recombinant Protein | CAV1 recombinant protein

Recombinant Caveolin 1 (CAV1)

CATALOG # AAA133898	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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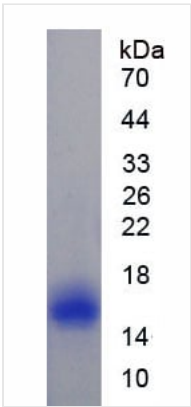
PRODUCT SYNONYMS

Caveolin 1 (CAV1); Recombinant Caveolin 1 (CAV1); CAV1 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 N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-SG GKYVDSEGL YTVPIREQGN IYKPNNKAMA DEVNEKQVYD AHTKEIDLVN RDPKHLNDDV VKIDFEDVIA EPEGTHSFDG IWKASFTTFT VTKYWFYRLL ST
Sequence Length	178
Applicable Applications for CAV1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ser2~Thr105 (Accession # P41350) with N-terminal His-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



Sequence

SGGKYVDSE GHLYTVPIRE QGNIYKPNNK AMADEVNEKQ VYDAHTKEID
LVNRDPKHLN DDVVKIDFED VIAEPEGTHS FDGIWKASFT TFTVTKYWFY
RLLST

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	51338710
NCBI GeneID	25404
UniProt Accession #	P41350; Q8VIK8; Q8VIK9
Molecular Weight	13.5kDa
NCBI Official Full Name	Caveolin-1
NCBI Official Synonym Full Names	caveolin 1, caveolae protein
NCBI Official Symbol	Cav1
NCBI Official Synonym Symbols	Cav
NCBI Protein Information	caveolin-1; caveolin caveolae protein 22 kDa
UniProt Protein Name	Caveolin-1
UniProt Gene Name	Cav1
UniProt Synonym Gene Names	Cav
UniProt Entry Name	CAV1_RAT

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://stage.aaabiotech.com/cav1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133898>