

Caveolin 1 (CAV1) Recombinant Protein | CAV1 recombinant protein

Recombinant Caveolin 1 (CAV1)

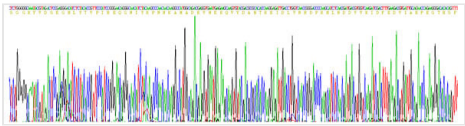
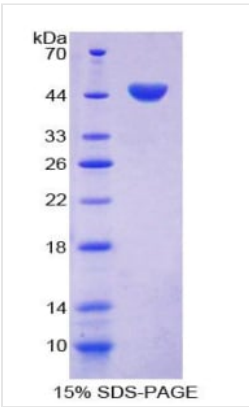
CATALOG # AAA134415	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Caveolin 1 (CAV1); Recombinant Caveolin 1 (CAV1); CAV1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	MSGGKYVDSE GHLYTVPIRE QGNIYKPNK AMADEVTEKQ VYDAHTKEID LVNRDPKHLN DDVVKIDFED VIAPEGTHS FDGIWKASFT TFTVTKYWFY RLLS
Applicable Applications for CAV1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Ser2~Ser104
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Application Data
Identification

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	340139110
NCBI GeneID	12389
NCBI Accession #	NP_001229993.1
NCBI GenBank Nucleotide #	NM_001243064.1
UniProt Accession #	P49817; Q8C1X7; Q8CBP4; Q9QYH3; Q9QYH4
Molecular Weight	Predicted Molecular Mass: 42.0kDa Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	caveolin-1 isoform 2
NCBI Official Synonym Full Names	caveolin 1, caveolae protein
NCBI Official Symbol	Cav1
NCBI Official Synonym Symbols	Cav; Cav-1
NCBI Protein Information	caveolin-1; caveolin, caveolae protein 1; caveolin, caveolae protein, 22 kDa
UniProt Protein Name	Caveolin-1
UniProt Gene Name	Cav1
UniProt Synonym Gene Names	Cav
UniProt Entry Name	CAV1_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://stage.aaabiotech.com/cav1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134415>