

Caveolin-1 (Cav1) Recombinant Protein | Cav1 recombinant protein

Recombinant Rat Caveolin-1 (Cav1)

CATALOG #
AAA115555

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Caveolin-1 (Cav1); Recombinant Rat Caveolin-1 (Cav1); Cav1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-178. Full length of the mature protein.
Sequence	SGGKYVDSEG HLYTVPIREQ GNIYKPNNKA MADEVNEKQV YDAHTKEIDL VNRDPKHLND DVVKIDFEDV IAEPEGTHSF DGIWKASFTT FVTKYWFYR LLSTIFGIPM ALIWGIYFAI LSFLHIWAVV PCIKSFLIEI QCISRVYSIY VHTFCDPLFE AIGKIFSNIR ISTQEEI
Sequence Length	178
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Cav1 recombinant protein

The scaffolding protein encoded by this gene is the main component of the caveolae plasma membranes found in most cell types. The protein links integrin subunits to the tyrosine kinase FYN, an initiating step in coupling integrins to the Ras-ERK pathway and promoting cell cycle progression. The gene is a tumor suppressor gene candidate and a negative regulator of the Ras-p42 44 MAP kinase cascade. CAV1 and CAV2 are located next to each other on chromosome 7 and express colocalizing proteins that form a stable hetero-oligomeric complex. By using alternative initiation codons in the same reading frame, two isoforms (alpha and beta) are encoded by a single transcript from this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51338710
NCBI GeneID	25404
UniProt Accession #	P41350 ; Q8VIK8 ; Q8VIK9
Molecular Weight	27.9 kDa
NCBI Official Full Name	Caveolin-1
NCBI Official Synonym Full Names	caveolin 1
NCBI Official Symbol	Cav1
NCBI Official Synonym Symbols	Cav
NCBI Protein Information	caveolin-1

UniProt Protein Name	Caveolin-1
UniProt Gene Name	Cav1
UniProt Synonym Gene Names	Cav

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-or-yeast-or-baculovirus-or-mammalian-cell/115555>