

Recombinant Full Length Human CAV2 Protein

Cat. No. CAV2-51HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Caveolin 2 (amino acids 1-162) with a N terminal proprietary tag: predicted molecular weight 43.89 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	162 amino acids
Description	The protein encoded by this gene is a major component of the inner surface of caveolae, small invaginations of the plasma membrane, and is involved in essential cellular functions, including signal transduction, lipid metabolism, cellular growth control and apoptosis. This protein may function as a tumor suppressor. This gene and related family member (CAV1) are located next to each other on chromosome 7, and express colocalizing proteins that form a stable hetero-oligomeric complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. Additional isoforms resulting from the use of alternate in-frame translation initiation codons have also been described, and shown to have preferential localization in the cell (PMID:11238462).
Form	Liquid
Molecular Mass	43.890kDa inclusive of tags
AA Sequence	MGLETEKADV QLFMDDSYS HHSGLEAYADP EKFA DSDQDR DPHRLNSHLK

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LGFEDVIAEP VTTHSFDKVV ICSHALFEIS KYVMYKFLTV FLAIPALFIA
 GILFATLSCL HIWILMPFVK TCLMVLPSVQ TIWKSVDVI IAPLCTSVGR
 CFSSVSLQLS QD

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [CAV2 caveolin 2 \[Homo sapiens \]](#)

Official Symbol [CAV2](#)

Synonyms CAV2; caveolin 2; caveolin-2; CAV

Gene ID [858](#)

mRNA Refseq [NM_001206747](#)

Protein Refseq [NP_001193676](#)

MIM [601048](#)

UniProt ID [P51636](#)

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