

# Recombinant Full Length Human CAV2 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Caveolin 2 (amino acids 1-162) with a N terminal proprietary tag: predicted molecular weight 43.89 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	162 amino acids
<b>Description</b>	<p>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).</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	43.890kDa inclusive of tags
<b>AA Sequence</b>	MGLETEKADV QLFMDDDSYS HHSGLEAYADP EKFA DSDQDR DPHRLNSHLK

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LGFEDVIAEP VTTHSFDKVV ICSHALFEIS KYVMYKFLTV FLAIPLAFIA  
 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA