

Recombinant Human CAV2 Protein, GST-Tagged

Cat. No. CAV2-0448H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAV2 full-length ORF (NP_001224.1, 1 a.a. - 162 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<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). [provided by RefSeq, May 2011]</p>
Molecular Mass	44.7 kDa
AA Sequence	<p>MGLETEKADVQLFMDDDSYSHHSGLEYADPEKFADSDQDRDPHRLNSHLKLG FED VIAEPVTTHSFDKVVICSHALFEISKYVMYKFLT VFLAIP LAFIAGILFATLSCLHIWILM PFVKTCLMVLPSVQTIWKSVTDVIIAPLCTSVGRCFSSVSLQLSQD</p>
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

Official Symbol [CAV2](#)

Synonyms CAV2; caveolin 2; caveolin-2; CAV; caveolae protein, 20-kD; caveolin 2 isoform a and b; MGC12294;

Gene ID [858](#)

mRNA Refseq [NM_001206747](#)

Protein Refseq [NP_001193676](#)

MIM [601048](#)

UniProt ID [P51636](#)

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