

## Recombinant Human CAV2, His-tagged

Cat. No. CAV2-10750H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAV2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-162a.a.
<b>Description</b>	This gene encodes a component of the interphase centromere complex. The encoded protein is localized to the centromere throughout the cell cycle and is required for bipolar spindle assembly, chromosome segregation and checkpoint signaling during mitosis. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

**Gene Name** CAV2 caveolin 2 [ Homo sapiens ]

 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

<b>Official Symbol</b>	CAV2
<b>Synonyms</b>	CAV2; caveolin 2; caveolin-2; CAV; caveolae protein, 20-kD; caveolin 2 isoform a and b; MGC12294;
<b>Gene ID</b>	858
<b>mRNA Refseq</b>	NM_001206747
<b>Protein Refseq</b>	NP_001193676
<b>MIM</b>	601048
<b>UniProt ID</b>	P51636
<b>Chromosome Location</b>	7q31
<b>Pathway</b>	Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem;
<b>Function</b>	D1 dopamine receptor binding; phosphoprotein binding; protein binding; protein homodimerization activity; syntaxin binding;

 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