Recombinant Human CAV2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CAV2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-162a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CAV2 caveolin 2 [Homo sapiens]

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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
Chromosome Location	7q31
Pathway	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;
Function	D1 dopamine receptor binding; phosphoprotein binding; protein binding; protein homodimerization activity; syntaxin binding;

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