

# Recombinant Full Length Human CAV3 Protein, GST-tagged

**Cat. No.** CAV3-678HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CAV3(1 a.a. - 151 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	151 amino acids
<b>Description</b>	This gene encodes a caveolin family member, which functions as a component of the caveolae plasma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding proteins for organizing and concentrating certain caveolin-interacting molecules. Mutations identified in this gene lead to interference with protein oligomerization or intra-cellular routing, disrupting caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKemia or rippling muscle disease (RMD). Alternative splicing has been identified for this locus, with inclusion or exclusion of a differentially spliced intron. In addition, transcripts utilize multiple polyA sites and contain two potential translation initiation sites.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	43.7 kDa
<b>AA Sequence</b>	MMAEEHTDLE AQIVKDIHCK EIDLVNRDPK NINEDIVKVD FEDVIAEPVG TYSFDGVWKV SYTTFTVSKY WCYRLLSTLL GVPLALLWGF LFACISFCHI

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WAVVPCIKSY LIEIQCISHI YSLCIRTFCN PLFAALGQVC SSIKVLRKE V

**Applications**Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array**Storage**

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

**GENE INFORMATION****Gene Name**

CAV3 caveolin 3 [ Homo sapiens ]

**Official Symbol**

CAV3

**Synonyms**

CAV3; caveolin 3; caveolin-3; LGMD1C; LQT9; M caveolin; VIP 21; VIP21; M-caveolin; VIP-21; MGC126100; MGC126101; MGC126129

**Gene ID**

859

**mRNA Refseq**

NM\_001234

**Protein Refseq**

NP\_001225

**MIM**

601253

**UniProt ID**

P56539

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