

Recombinant Full Length Human CAV3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human CAV3(1 a.a. - 151 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	151 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	43.7 kDa
AA Sequence	MMAEEHTDLE AQIVKDIHCK EIDLVNRPDK NINEDIVKVD FEDVIAEPVG TYSFDGVWKV SYTTFTVSKY WCYRLLSTLL GVPLALLWGF LFACISFCHI

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

WAVVPCIKSY LIEIQCISHI YSLCIRTFCN PLFAALGQVC SSIKVVLRKE 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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