

Recombinant Full Length Human CAV3 Protein, C-Flag-tagged

Cat. No. CAV3-1327HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CAV3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	17.1 kDa
AA Sequence	MMAEEHTDLEAQIVKDIHCKEIDLVRDPKNINEDIVKVDFEDVIAEPVGTYSFDGWV KVSYYTFTVSKY WCYRLLSTLLGVPLALLWGFLFACISFCHIWA VVPCIKSYLIEIQCI SHIYSLCIRTF CNPLFAALGQVC SSIKVVL RKEVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Focal adhesion
Full Length	Full L.

GENE INFORMATION

Gene Name	CAV3 caveolin 3 [Homo sapiens (human)]
Official Symbol	CAV3
Synonyms	LQT9; MPDT; RMD2; VIP21; LGMD1C; VIP-21
Gene ID	859
mRNA Refseq	NM_033337.3
Protein Refseq	NP_203123.1

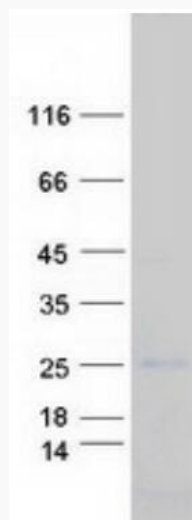
 Tel: 1-631-559-9269 1-516-512-3133

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

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

MIM 601253

UniProt ID P56539



Coomassie blue staining of purified CAV3 protein.

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