

Recombinant Human CAV3 protein, Myc/DDK-tagged

Cat. No. CAV3-011H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAV3 protein, fused to Myc/DDK-tagged, was expressed in HEK293T. Protein Families: Druggable Genome, Transmembrane. Protein Pathways: Focal adhesion.
Species	Human
Source	HEK293
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	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Product-Related	TA50011-100

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Proteins	LC409590 TA350952 RC221140
Purity	> 80%
Usage	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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

GENE INFORMATION

Gene Name	CAV3 caveolin 3 [Homo sapiens (human)]
Official Symbol	CAV3
Synonyms	LGMD1C; LQT9; MPDT; RMD2; VIP-21; VIP21
Gene ID	859
mRNA Refseq	NM_033337
Protein Refseq	NP_203123
MIM	601253

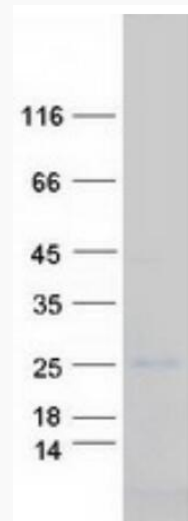
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UniProt ID

P56539



Coomassie blue staining of purified CAV3 protein. The protein was produced from HEK293T cells transfected with CAV3 cDNA clone using MegaTran 2.0

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