

Recombinant Human caveolin 3

Cat. No. CAV3-92H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human Caveolin-3 full length protein expressed in E.coli, shows a 50 kDa band on SDS-PAGE (Including GST). The Caveolin-3 is purified by proprietary chromatographic techniques.
Species	Human
Source	E.coli
Description	Caveolae (also known as plasmalemmal vesicles) are 50-100 nm flask-shaped membranes that represent a subcompartment of the plasma membrane. On the basis of morphological studies, caveolae have been implicated to function in the transcytosis of various macromolecules (including LDL) across capillary endothelial cells, uptake of small molecules via potocytosis and the compartmentalization of certain signaling molecules including G protein-coupled receptors. Three proteins, caveolin-1, caveolin-2 and caveolin-3 have been identified as principle components of caveolae.
Physical Appearance	Sterile Filtered clear solution.
Formulation	Caveolin-3 at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Applications	• ELISA • Inhibition Assays • Western Blotting
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

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Full Length Full L.

GENE INFORMATION

Gene Name	CAV3 caveolin 3 [Homo sapiens]
Synonyms	CAV3; caveolin 3; LQT9; VIP21; LGMD1C; VIP-21; MGC126100; MGC126101; MGC126129; CAV3;Caveolin-3;M-caveolin; LGMD1C
Gene ID	859
mRNA Refseq	NM_001234
Protein Refseq	NP_001225
MIM	192600
UniProt ID	P56539
Chromosome Location	3p25
Pathway	Focal adhesion
Function	enzyme binding;protein C-terminus binding;protein complex binding;protein complex scaffold;sodium channel regulator activity

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