

Recombinant Mouse Cav3 Protein, MYC/DDK-tagged

Cat. No. Cav3-782M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse caveolin 3 (Cav3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene belongs to the caveolin family whose members encode the major protein components of caveolae, which are invaginations of plasma membrane. The encoded protein is muscle-specific and forms homooligomers in muscle cells. The protein binds and regulates phosphofructokinase M and neuronal nitric oxide synthase. It also associates with dystrophin in muscle cells. Mutations in this gene are associated with muscular dystrophy.
Molecular Mass	17.8 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cav3 caveolin 3 [Mus musculus (house mouse)]

Official Symbol Cav3

Synonyms Cav3; caveolin 3; Cav-3; M-cav; AI385751; caveolin-3; M-caveolin

Gene ID 12391

mRNA Refseq NM_007617

Protein Refseq NP_031643

UniProt ID P51637

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