Recombinant Mouse Cav2 Protein, MYC/DDK-tagged

Cat. No. Cav2-781M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse caveolin 2 (Cav2), 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. This gene is located adjacent to caveolin-1 and the proteins coexpressed by the two genes localize together in caveolae, where they form hetero-oligomers. The encoded protein may be involved in diverse cellular functions including proliferation, differentiation, endocytosis and trafficking. Alternative splicing of this gene results in transcript variants encoding different isoforms.
Molecular Mass	18.7 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	Cav2 caveolin 2 [Mus musculus (house mouse)]
Official Symbol	Cav2
Synonyms	Cav2; caveolin 2; AI447843; caveolin-2
Gene ID	12390
mRNA Refseq	NM_016900
Protein Refseq	NP_058596
UniProt ID	Q9WVC3

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