

Recombinant Human CAVEOLIN2/CAV2 protein (GST,His tag)



Catalog Number:PDEH100308

Note: Centrifuge before opening to ensure complete recovery of vial contents.

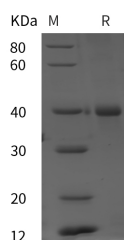
Description

Synonyms	CAV2;Caveolin-2;
Species	Human
Expression Host	E.coli
Sequence	Met 1-Lys 86
Accession	P51636-1
Calculated Molecular Weight	34.4 kDa
Observed molecular weight	40 kDa
Tag	N-GST-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Caveolin-2 is a cell membrane-associated member of the caveolin family of proteins. Although its predicted MW is 17 kDa, it runs anomalously at 21?22 kDa on SDS?PAGE. Caveolin-2 is not ubiquitous, but it is found in divergent cell types such as smooth muscle, endothelial, and skeletal muscle cells, plus fibroblasts and adipocytes. When expressed alone, Caveolin-2 forms monomers and homodimers; when expressed with Caveolin-1, it exists as part of a 150 kDa, Caveolin-1 associated oligomeric complex.

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