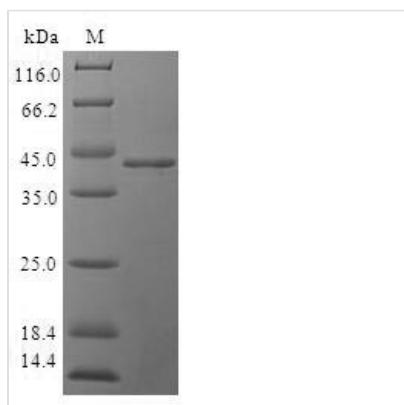




# Recombinant Human Caveolin-3 (CAV3)

<b>Product Code</b>	CSB-EP004573HU
<b>Relevance</b>	May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. May also regulate voltage-gated potassium channels. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P56539
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MMAEEHTDLEAQIVKDIHCKEIDLVNDRDPKNINEDIVKVFDFEDVIAEPVGTYSFD GVWVSYTTFTVSKYWCYRLLSTLLGVPLALLWGFLFACISFCHIWA VVPCIKS YLIEIQCISHIYSLCIRTF CNPLFAALGQVCSSIKVVLRKEV
<b>Research Area</b>	Signal Transduction
<b>Source</b>	E.coli
<b>Target Names</b>	CAV3
<b>Protein Names</b>	Recommended name: Caveolin-3 Alternative name(s): M-caveolin
<b>Expression Region</b>	1-151aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	44.3kDa
<b>Protein Length</b>	Full Length

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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