

## Product datasheet for TP526246

### Cav3 (NM\_007617) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse caveolin 3 (Cav3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226246 representing NM_007617 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MMTEEHTDLEARIKDIHCKEIDLVNDRPKNINEDIVKVFEDVIAEPEGTYSFDGVWKSFTTFTVSKY WCYRLLSTLLGVPLALLWGFLFACISFCHIWA VVPCIKSYLIEIQCISHIYSLCIRTFCNPLFAALGQVC SNIKVLRREG  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	17.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_031643</a>
Locus ID:	12391
UniProt ID:	<a href="#">P51637</a>
RefSeq Size:	1172
Cytogenetics:	6 52.26 cM



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RefSeq ORF: 453

Synonyms: AI385751; Cav; Cav-3; M-ca; M-cav

**Summary:** 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. [provided by RefSeq, Apr 2013]