

Product datasheet for **TP517839**

Col15a1 (NM_009928) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse collagen, type XV, alpha 1 (Col15a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >MR217839 representing NM_009928
Red=Cloning site **Green**=Tags(s)

MTHRRTAQGRPRWLLSIISALLSAVLQTRAATGSASQVHLDLTVLIGVPLPSSVSFTTGYGGFPAYSFG
 PGANVGRPARTLIPPTFFRDAIGVAVKPNSAQGGVLFAITDAFQKVIYLGRLSSVEDGRQRVILYYTE
 PGSHVSREAAVFSVPVMTNRWNRFAVTVQGEEVALFMDCEEQSQVRFQRSSWPLTFEPSAGIFVGNAGAM
 GLERFTGSIQQLTIYSDPRTPEELCEAQESSASGEASGFQEMDEVAEIMEAVTYTQAPPKESHVDPISVP
 PTSSSPAEDSELSGEPVPEGTPETNLSIIGHSSPEQGSGEILNDTLEVHAMDGDGPGTDDGSGDGALLNVT
 DGQGLSATATGEASVPVTTVLEAENGSMPTGSPTLAMFTQSIREVDTPDPENLTITASGDGEVPTSTDGD
 TEADSSPTGGPTLKPREEATLGSHGEEWLTPAVSKMPLKAFEEEEASGTAIDSLDVIFTPTVVLEQVSRR
 PTDIQATFTPTVVLEETSGAPTDTDQDALTPVAPEQMFTAEPDGGDLVASTEEAEEEGSGSMPPSGPPL
 PTPVTPTKRQVTLVGVEAEGSGPVGGLEDESGSGDIVGNEDLLRGPPGPPGPPGSPGIPGKPGTDVFMGP
 PGSPGEDGAPGEPGPQGPEGQPLDGASGQQGMKGEKGARGPNGSAGEKGDGPNRGLPGPPGKNGE
 VGTP
 GVMGPPGPPGPPGPPGPGCTTELGFIEGSGDVRLLSKPTISGPTSPSGPKGEKGEQGAKEGADGTST
 MGPPGPRGPPGHVEVLSSSLINITNGSMNFSDIPELMGPPGPDGVPGLPGFPGPRGPKGDTGVPGFPG
 K
 GEQGEKGEPGAILTGDVPLEMMKGRKGEPGIHGAPGPMGPKGPPGHKGEFGLPGRPGRLNGLKGAK
 GD
 RGVTLPGPPGLPGPPGPPGPPGAVVNIKGAVFPIPARPHCKTPVGTAHPGDPELVTFHGVKGEKGSWGLP
 GSKGEKGDQGAQGPPGPPVDPAYLRHFLNSLKGEDASFRGESSNLFVSGPPGLPGYPGLVGQKGEA
 V
 VGPQGPPGIPGLPGPPGFRPGVPGPPGPPGPPGPPAILGAAVALPGPPGPPGQPLPGSRNLVTALSD
 M
 GDMLQKAHLVIEGTFIYLRDSGEFFIRVRDGWKKLQLGELIPIPADSPPPPALSSNPYQPQPPLNPILSA
 NYERPVLHLVALNTPVAGDIRADFQCFQARAAGLLSTFRAFLSSHLQDLSTVVRKAERFGLPIVNLKGQ
 VLFNNWDSIFSGDGGQFNTHIPIYSFDGRDVMTPSWPQKVVWHGSNPHGVRLVDKYCEAWRTTDM
 VTG
 FASPLSTGKILDQKAYSCANRLIVLCIENSFMTDTRK

TRTRPLE**QKLISEEDLA**AND**ILDYKDDDDKV**

Tag: C-MYC/DDK
Predicted MW: 140.5 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:	NP_034058
Locus ID:	12819
UniProt ID:	O35206
RefSeq Size:	5335
Cytogenetics:	4 B1
RefSeq ORF:	4101
Summary:	Structural protein that stabilizes microvessels and muscle cells, both in heart and in skeletal muscle.[UniProtKB/Swiss-Prot Function]