

Product datasheet for **TP315364M**

Collagen alpha 1(XXVIII) chain (COL28A1) (NM_001037763) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human collagen, type XXVIII, alpha 1 (COL28A1), 100 µg
Species:	Human
Expression Host:	HEK293T

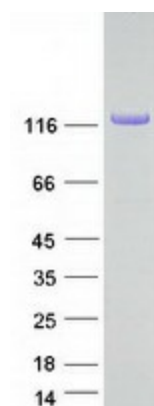


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Expression cDNA Clone or AA Sequence:	>RC215364 representing NM_001037763 Red=Cloning site Green=Tags(s) MWNRVYFVYLLLSAFTSQTVSGQRKKGPKSNLLARKSDVQGSICFIDIVFVDSESSKIALFDKQKDF VDSLSDKIFQLTPGRSLEYDIKLAALQFSSSVQIDPPFSSWKDLQTFKQKVKSMNLIGQGTFSYAISNA TRLLKREGRKDGKVVLLMTDGDIDHPKNPDVQSISEDARISGISFITIALSTVVNEAKLRLISGDSSEP TLLSDPTLVVDKIQRDLILFEKKCEKICEKGDGPGDPGPPGTHGNPGIKGERGPKGNPNAQKGEAG ERGGPGIPGYKGDGGERGECGKPGIKGDKGSPGPGYGPKGPRGIQGITGPPGDGPGKGFQGNKGEPGPPG P YGSPGAPGIGQQGIKGERGQEGRPAGPGPIGVGEPGQPGPRGPEGVPGERGLPGEGFPGPKGEKGESEPT GPQGLQLSIKGEKGDIGPVGPQGPMPGIPGIGSQGEQGIQGPPIGPPGPQGPAGQGLPGSKGEVGMGP TG PRGPVIGVQGPKEGPGSIGLPQGPGVPGEDGAAGKKGEAGLPARGPEGPPGKGQPGPKGDEGKKGSK G NQGQRGLPGPEGPKGEPGIMGPFMPGTSIPGPPGPKGDRGGPGIPGFKGEPGLSIRGPKGVQGPGRGPV G APGLKGDGYPGVPGRPLGPPGPMGLRGVGDGTAKGEPGVRGPPGPSGPRGVGTQGPKGDTGQKGL PGP PGPPGYGSQGIKGEQGPQGFPGPKGTMGHGLPGQKGEHGERGDVGKKGDKGEIGEPGSPGKQGLQGP KGD LGLTKEEIIKLITEICGCGPKCKETPLELVFVIDSSESVGPENFQIIKNFVKTMADRVALDLATARIGII NYSHKVEKVANLKQFSSKDDFKLAVDNMQYLGEPTYTATALQAANDMFEDARPGVKKVALVITDGQTDS R DKEKLTEVVKNASDTNVEIFVIGVVKNDPNFEIFHKEMNLIATDPEHVYQFDDFFTLQDTLKQKLFQKI CEDFDSYLVQIFGSSSPQPGFGMSGEELSESTPEPQKEISELSVTRDQDEDDKAPEPTWADDLPATTSS EATTTTPRLLSTPVDGAEDPRCLEALPGNCGEYVVRWYYDKQVNSCARFWFSGCNGSGNRFNSEKECQE TCIQG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	116.5 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.

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:	<u>NP_001032852</u>
Locus ID:	340267
UniProt ID:	<u>Q2UY09</u>
RefSeq Size:	3515
Cytogenetics:	7p21.3
RefSeq ORF:	3375
Synonyms:	COL28
Summary:	COL28A1 belongs to a class of collagens containing von Willebrand factor (VWF; MIM 613160) type A (VWFA) domains (Veit et al., 2006 [PubMed 16330543]).[supplied by OMIM, Nov 2010]

Product images:



Coomassie blue staining of purified COL28A1 protein (Cat# [TP315364]). The protein was produced from HEK293T cells transfected with COL28A1 cDNA clone (Cat# [RC215364]) using MegaTran 2.0 (Cat# [TT210002]).