

Product datasheet for PH315364

Collagen alpha 1(XXVIII) chain (COL28A1) (NM_001037763) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COL28A1 MS Standard C13 and N15-labeled recombinant protein (NP_001032852)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215364
Predicted MW:	116.5 kDa
Protein Sequence:	>RC215364 representing NM_001037763 Red=Cloning site Green=Tags(s)

MWNRVYFVYLLLLSAFTSQTVSGQRKKGPKSNLLARKSDVQGSICFIDIVFIVDSSESSKIALFDKQKDF
VDSLSDKIFQLTPGRSLEYDIKLAALQFSSSVQIDPPFSSWKDLQTFKQKVKSMNLIGQGTFSYYAISNA
TRLKREGRKDGKVKVLLMTDGDHPKNDPVQSIDARISGISFITALSTVVNEAKRLISGDSSEP
TTTTSDPTLVDKIQDRLDILFEKKCERKICECEKGDGDPGPPGTHGNPGIKGERGPKGNPNAQKGEAG
ERPGGIPGYKDGKGERGECGPKIGDKGSPGYGPKGPRGIQGITGPPGDPGPKGFQGNKGEPGPPGP
YGSPGAPGIGQQIKGERGQGRPGAPGPIGVGEPGQPGPRGPEGVPGERGLPGEFGPGPKGEKSGEPT
GPQGLQGLSIKGEKGDIGVGPQGPMPGIPGIGSQGEQGIQGPPIGPPGPQGPAGQGLPGSKGEVGMGPTG
PRGPVGIGVQGPKEPGSIGLPGQPGVPGEDGAAGKKGEAGLPARGPEGPPGKGQPGKGDGEGKKGSKG
NQQRGLPGPEGPKGEPGIMGPFMPGTSIPGPPGPKGDRGGPGIPGFKGEPGLSIRGPKGVQGP RPVG
APGLKGDGYPGVPGRGLPGPPGPMGLRGVDTGAKGEPVGRGPPGSGPRGVTGQPKGDTGQKGLPGP
PGPPGYGSQGIKEQGPQGFPGPKGTMGHLPQKGEHGERGDVKKGDKGEIGEPGSPGKQGLQGPKG
LGLTKEEIIKLITEICGCGPKCKETPLELVFVIDSSESVGPENFQIIKNFVKTMADRVLDLATARIGII
NYSHKVEKVANLQFSSKDDFKLAVDNMQYLGEPTYTATALQAANDMFEDARPGVKKVALVITDGGTDSR
DKEKLTEVVKNASDTNVEIFVIGVVKNDPNFEIFHKEMNLIATDPEHVYQFDDFFTLQDTLKQKLFQKI
CEDFDSYLVQIFGSSSPQPGFGMSGEELSESTPEPQKEISESLSVTRDQDEDDKAPEPTWADDLPATTSS
EATTTTPRPLLSTPVDGAEDPRCLEALKPGNCGEYVVRWYQVNSCARFWFSGCNGSGNRFNSEKECQE
TCIQG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

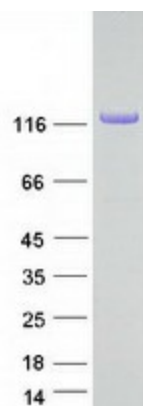
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001032852
RefSeq Size:	3515
RefSeq ORF:	3375
Synonyms:	COL28
Locus ID:	340267
UniProt ID:	Q2UY09
Cytogenetics:	7p21.3
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]).