

# Recombinant Human COL28A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** COL28A1-4065H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | COL28A1 MS Standard C13 and N15-labeled recombinant protein (NP_001032852) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | COL28A1 belongs to a class of collagens containing von Willebrand factor (VWF) type A (VWFA) domains.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 116.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>MWNRVYFVYLLLLSAFTSQTVSGQRKKGPKSNLLARKSDVQGSICFIDIVFIVDSSES<br/>           SKIALFDKQKDFVDSLSDKIFQLTPGRSLEYDIKLAALQFSSSVQIDPPFSSWKDLQTF<br/>           KQKVKSMNLIGQGTFSSYYAISNATRLLKREGRKDGVKVLLMTDGIDHPKNPDVQSI<br/>           SEDARISGISFITIALSTVVNEAKLRLISGDSSEPTLLLSDPTLVDKIQDRLDILFEKKC<br/>           ERKICECEKGDPGDPGPPGTHGNPGIKGERGPKGNPGNAQKGEAGERGPGGIPGY<br/>           KGDKGERGECGKPGIKGDKGSPGYPGPKGPRGIQGITGPPGDPGPKGFQGNKGEP<br/>           GPPGPYGSPPGAPGIGQQGIKGERGQEGRPAPGPIGVGEPGQPGPRGPEGVPGE<br/>           RGLPGEGFPGPKGEKGSEGPTGPQGLQGLSIKGEKGDIGVPGPQGPMPGIPGIGSQ<br/>           GEQGIQGPIGPPGPQGPAGQGLPGSKGEVGQMGPTGPRGPVGIGVQGPKEGPGSI<br/>           GLPGQPGVPGEDGAAGKKGEAGLPARGPEGPPGKGQPGPKGDEGKKGSKGNQ<br/>           GQRGLPGPEGPKGEPGIMGPFMPGTSIPGPPGPKGDRGGPGIPGFKGEPGLSIR</p> |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

GPKGVQGPRGPVGAPGLKGDGYPGVPGPRGLPGPPGPMGLRGVGDGTGAKGEPG  
 VRGPPGPSGPRGVGTQGPKGDTGQKGLPGPPGPPGYGSQGIKGEQGPQGFPGP  
 KGTMGHGLPGQKGEHGERGDVGKKGDKGEIGEPGSPGKQGLQGPKGDLGLTKEE  
 IIKLITEICGCGPKCKETPLELVFVIDSSESVGPENFQIIKNFVKTMADRVALDLATARIG  
 IINYSHKVEKVANLKQFSSKDDFKLAVDNMQYLGEGETYTATALQAANDMFEDARPG  
 VKKVALVITDGQTDSRDKEKLTEVVKNASDTNVEIFVIGVVKKNDPNFEIFHKEMNLIA  
 TDPEHVYQFDDFFTLQDTLKQKLFQKICEDFDSYLVQIFGSSSPQPGFGMSGEEELSE  
 STPEPQKEISELSVTRDQDEDDKAPEPTWADDLPATTSSEATTTTPRLLSTPVDGA  
 EDPRCLEALKPGNCGEYVVRWYYDKQVNSCARFWFSGCNGSGNRFNSEKECQET  
 CIQGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** COL28A1 collagen type XXVIII alpha 1 chain [ Homo sapiens (human) ]

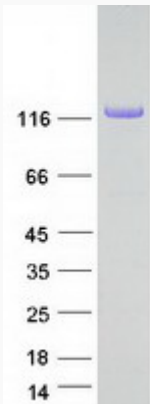
**Official Symbol** COL28A1

**Synonyms** COL28A1; collagen type XXVIII alpha 1 chain; COL28; collagen alpha-1(XXVIII) chain; collagen, type XXVIII, alpha 1

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|                       |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| <b>Gene ID</b>        | 340267                                                                              |
| <b>mRNA Refseq</b>    | NM_001037763                                                                        |
| <b>Protein Refseq</b> | NP_001032852                                                                        |
| <b>MIM</b>            | 609996                                                                              |
| <b>UniProt ID</b>     | Q2UY09                                                                              |
| <b>SDS-PAGE</b>       |  |