

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

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

SPECIFICATION

Product Overview	COL28A1 MS Standard C13 and N15-labeled recombinant protein (NP_001032852) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	COL28A1 belongs to a class of collagens containing von Willebrand factor (VWF) type A (VWFA) domains.
Molecular Mass	116.5 kDa
AA Sequence	MWNRVYFVYLLLLSAFTSQTVSGQRKKGPKSNLLARKSDVQGSICFIDIVFIVDSSES SKIALFDKQKDFVDSLSDKIFQLTPGRSLEYDIKLAALQFSSSVQIDPPFSSWKDLQTF KQKVKSMNLIGQGTFSSYYAISNATRLLKREGRKDGVKVLLMTDGIDHPKNPDVQSI SEDARISGISFITIALSTVVNEAKLRLISGDSSEPTLLLLSDPTLVDKIQDRLDILFEKKC ERKICECEKGDPGDPGPPGTHGNPGIKGERGPKGNPGNAQKGEAGERGPGGIPGY KGDKGERGECGKPGIKGDKGSPGPYGPKGPRGIQGITGPPGDPGPKGFQGNKGEP GPPGPYGPSPGAPGIGQQGIKGERGQEGRPAPGPIGVGEPGQPGPRGPEGVPGE RGLPGEGFPGPKGEKGSEGPTGPQGLQGLSIKGEKGDIGVGPQGPMPGIPGIGSQ GEQGIQGPIGPPGPQGPAGQGLPGSKGEVGQMGPTGPRGPVGIGVQGPKGEPGSI GLPGQPGVPGEDGAAGKKGEAGLPARGPEGPPGKGQPGPKGDEGKKGSKGNQ GQRGLPGPEGPKGEPGIMGPFMPGTSIPGPPGPKGDRGGPGIPGFKGEPGLSIR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GPKGVQGPRGPVGAPGLKGDGYPGVPGPRGLPGPPGPMGLRGVGDGTGAKGEPG
 VRGPPGPSGPRGVGTQGPKGDTGQKGLPGPPGPPGYGSQGIKGEQGPQGFPGP
 KGTMGHGLPGQKGEHGERGDVGKKGDKGEIGEPGSPGKQGLQGPKGDLGLTKEE
 IIKLITEICGCGPKCKETPLELVFVIDSSESVGPENFQIIKNFVKTMADRVALDLATARIG
 IINYSHKVEKVANLKQFSSKDDFKLAVDNMQYLGEGETYTATALQAANDMFEDARPG
 VKKVALVITDGQTDSRDKEKLTEVVKNASDTNVEIFVIGVVKKNDPNFEIFHKEMNLIA
 TDPEHVYQFDDFFTLQDTLKQKLFQKICEDFDSYLVQIFGSSSPQPGFGMSGGEELSE
 STPEPQKEISELSVTRDQDEDDKAPEPTWADDLPATTSSEATTTTPRLLSTPVDGA
 EDPRCLEALKPGNCGEYVVRWYYDKQVNSCARFWFSGCNGSGNRFNSEKECQET
 CIQGTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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Gene ID	340267
mRNA Refseq	NM_001037763
Protein Refseq	NP_001032852
MIM	609996
UniProt ID	Q2UY09
SDS-PAGE	