

Recombinant Human COL3A1 protein, His-tagged

Cat. No. COL3A1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL3A1 protein, fused to His-tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1466 aa
Description	This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome type IV, and with aortic and arterial aneurysms.
Form	Liquid
AA Sequence	QYDSYDVKSGVAVGGLAGYPGPAGPPGPPGPPGTSGHPGSPGSPGYQGPPGEPG QAGPSGPPGPPGAIGPSGPAGKDGESGRPGRPGERGLPGPPGIKGPAGIPGFPGM KGHRGFDGRNGEKGETGAPGLKGENGLPGENGAPGPMGPRGAPGERGRPLPG AAGARGNDGARGSDGQPGPPGPPGTAGFPGPSGAKGEVGPAGSPGSNGAPGQR GEPGPQGHAGAQQPPGPPGINGSPGGKGEMGPAGIPGAPGLMGARGPPGPAGAN GAPGLRGGAGEPGKNGAKGEPGRGERGEAGIPGVPGAKGEDGKDGSPGEPGAN GLPGAAGERGAPGFRGPAGPNGIPGEKGPAGERGAPGPAGPRGAAGEPGRDGVP GGPGMRGMPGSPGGPGSDGKPGPPGSQGESGRPGPPGPSGPRGQPGVMGFPG PKGNDGAPGKNGERGGPGGPGPQGPPGKNGETGPQGPPGPTGPGGDKGDTGPP

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GPQGLQGLPGTGGPPGENGKPGEPGPKGDAGAPGAPGGKGDAGAPGERGPPGL
 AGAPGLRGGAGPPGPEGGKGAAGPPGPPGAAGTPGLQGMPGERGGLGSPGPKG
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 EPGRDGNPGSDGLPGRDGSPPGGKDRGENGSPGAPGAPGHPGPPGPVGPAGKS
 GDRGESGPAGPAGAPGAGSRGAPGPQGPGRGDKGETGERGAAGIKGHRGFPGN
 PGAPGSPGPAGQQGAIGSPGPAGPRGPVGPSPGPPGKDGTSGHPPGPIGPPGPRGN
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 GGGSHHHHHH*

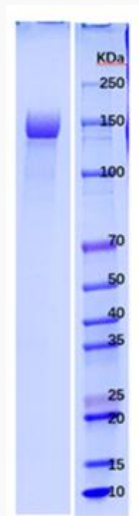
Purity	> 90 %
Storage	Store at -20 centigrade to -80 centigrade
Storage Buffer	PBS, pH 6.8

GENE INFORMATION

Official Symbol	COL3A1
Synonyms	EDS4A; EDSVASC; PMGEDSV
Gene ID	1281
mRNA Refseq	NM_000090
Protein Refseq	NP_000081

MIM 120180

UniProt ID P02461



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