

Recombinant Human COL3A1 Protein

Catalog #	Source	Reactivity	Applications
CRP7002	Komagataella phaffii	H	

Description Recombinant Human COL3A1 Protein is produced by Komagataella phaffii expression system and the target gene encoding double A908-A1136 is expressed with a 6His tag at the C-terminus.

Form Lyophilized powder

Gene Symbol COL3A1

Alternative Names Collagen alpha-1(III) chain

Entrez Gene 1281

SwissProt P02461

Purity Greater than 90% as determined by reducing SDS-PAGE.

Chemical Structure AGNTGAPGSPGVSGPKGDAGQPGEKGSPPGAQGGPPGAPGPLGIAGITGARGLAGPPG
 MPGPRGSPGPQGVKGESGKPGANGLSGERGPPGPQGLPGLAGTAGEPGRDGNPGS
 DGLPGRDGSPPGKGDRENGSPGAPGAPGHPGPPGPVGPAGKSGDRGESGPAGPA
 GAPGPAGSRGAPGPQGPGRDKGETGERGAAGIKGHRGFPGNPGAPGSPGPAGQQG
 AIGSPGPAGPRGPVGPSPGPPGKDGTSGHPPGPIGPPGPRGNRGERGSEGSPGHPPGQPG
 PPGPPGAPGPCCGGVGA AAAIAGIGGEKAGGFAAGNTGAPGSPGVSGPKGDAGQPGE
 KGSPGAQGGPPGAPGPLGIAGITGARGLAGPPGMPPGPRGSPGPQGVKGESGKPGANG
 LSGERGPPGPQGLPGLAGTAGEPGRDGNPGSDGLPGRDGSPPGKGDRENGSPGAP
 GAPGHPGPPGPVGPAGKSGDRGESGPAGPAGAPGPAGSRGAPGPQGPGRDKGETGE
 RGAAGIKGHRGFPGNPGAPGSPGPAGQQGAIGSPGPAGPRGPVGPSPGPPGKDGTSG
 HPPGPIGPPGPRGNRGERGSEGSPGHPPGQPGPPGPPGAPGPCCGGVGA AAAIAGIGGEK
 AGGFAHHHHHH

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control

Endotoxin: Less than 0.05 EU/mg as determined by LAL test.

Storage/Stability

Store it at -20°C to -80°C for two years. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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