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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

COL3A1 (Human) Recombinant Protein (P02)

Catalog Number: H00001281-P02

Regulation Status: For research use only (RUO)

Product Description: Human COL3A1 full-length ORF (AAH28178.1, 1 a.a. - 1163 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MMSFVQKGSWLLLALLHPTIILAQQEAVEGGCSHLGQ
SYADRDVWKPEPCQICVCDSGSVLCDDIICDDQELDC
PNPEIPFGECCAACPQPTAPTRPPNGQGPQPKGD
PGPPGIPGRNGDPGIPGQPGSPGSPGPPGICESPTG
PQNYSPQYDSYDVKSGVAVGGLAGYGPAGPPGPPG
PPGTSGHPGSPGSPGYQGPPGEPGQAGPSGPPGPP
GAIGPSGPAGKDGESGRPRGERGLPGPPGKGA
GIPGFPMKGHGFDGRNGEKGETGAPGLKGENGLP
GENGAPGPMGPRGAPGERGRPLGAAGARGNDGA
RGSQDQPGPPGPPGTAGFPSPGAKGEVGPAGSPG
SNGAPGQRGEPGQGHAGAQQPPGPPGINGSPPGK
GEMGPAGIPGAPGLMGARGPPGAGANGAPGLRGG
AGEPGKNGAKGEPGRGERGEAGIPVPAKGEDGK
DGSPGEPGANLPGAAGERGAPGFRGPAGPNIPIGE
KGPAGERGAPGAPRGAAGEPGRDGVVPGGPMR
GMPGSPGGPGSDGKPGPPGSQGESGRPGPPGSPG
RGQPGVMGFPGPKGNDGAPKNGERGGPGGPGPQ
GPPGKNGETGPQGGPPTGPGGDKGDTGPPGPQGL
QGLPGTGGPPGENGKPGEPGPKGDAGAPGAGGK
DAGAPGERGPPGLAGAPGLRGGAGPPGPEGKGA
GPPGPPGAAGTPGLQGMGERGGLGSPGPKDKGE
PGGPGADGVPGKDGPRGPTGPIGPPGAGQPGDKG
EGGAPGLPGIAGPRGSPGERGETGPPGAGFPGAPG
QNGEPGGKGERGAPGEKGEPPGVPAGPPGKDGTS
GHPGPIGPPGPRGNRGERGSEGSPGHPGQPPGPP
PGAPGPCCGGVGAAAIAGIGGEKAGGFAPYYGDEPM
DFKINTDEIMTSLKSVNGQIESLISPDGSRKNPARNCR
DLKFCHPELKSGEYWVDPNQGCKLDAIKVFCNMETGE
TCISANPLNVPRKHWWTDSSAEKXHVWFGESMDGGF
QFSYGNPELPELVLDVQLAFLRLLSSRASQNIYHCKN
SIAYMDQASGNVKKALKLMGSNEGEFKAEGNSKFTYT
VLEDGCTKHTGEWSKTVFEYRTRKAVRLPIVDIAPYDI
GGPDQEFVGVDPVCF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 138.3

Interspecies Antigen Sequence: Mouse (90); Rat (90)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1281

Gene Symbol: COL3A1

Gene Alias: EDS4A, FLJ34534

Gene Summary: 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 types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dalglish]