



# Human COL11A1 blocking peptide (CDBP0843)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-COL11A1 antibody
<b>Antigen Description</b>	This gene encodes one of the two alpha chains of type XI collagen, a minor fibrillar collagen. Type XI collagen is a heterotrimer but the third alpha chain is a post-translationally modified alpha 1 type II chain. Mutations in this gene are associated with type II Stickler syndrome and with Marshall syndrome. A single-nucleotide polymorphism in this gene is also associated with susceptibility to lumbar disc herniation. Multiple transcript variants have been identified for this gene.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">COL11A1 collagen, type XI, alpha 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	COL11A1
<b>Synonyms</b>	COL11A1; collagen, type XI, alpha 1; COLL6; collagen alpha-1(XI) chain; CO11A1; collagen XI; alpha 1 polypeptide; STL2; collagen XI, alpha-1 polypeptide;

<b>Entrez Gene ID</b>	<a href="#">1301</a>
<b>mRNA Refseq</b>	<a href="#">NM_001190709</a>
<b>Protein Refseq</b>	<a href="#">NP_001177638</a>
<b>UniProt ID</b>	P12107
<b>Chromosome Location</b>	1p21
<b>Pathway</b>	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;
<b>Function</b>	extracellular matrix binding; extracellular matrix structural constituent; protein binding, bridging;