

Collagen Type III Alpha 1 (COL3a1) Recombinant Protein | COL3a1 recombinant protein

Recombinant Collagen Type III Alpha 1 (COL3a1)

CATALOG # AAA153578	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

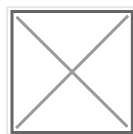
Collagen Type III Alpha 1 (COL3a1); Recombinant Collagen Type III Alpha 1 (COL3a1); Collagen Type III Alpha 1; COL3a1 recombinant protein (prokaryotic); Human; COL3-A1; COL3A1; EDS4A; Ehlers-Danlos Syndrome Type IV Autosomal Dominant; Collagen Alpha-1(III)chain; COL3a1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gly1059~Leu1466
Applicable Applications for COL3a1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6
Subcellular Location	Extracellular matrix
Research Area	Metabolic pathway
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

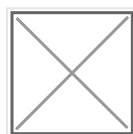
Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract



ADDITIONAL INFORMATION

Product Categories/Family for COL3a1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281
NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090.3
UniProt Accession #	P02461; P78429; Q15112; Q16403; Q53S91; Q541P8; Q6LDB3; Q6LDJ2; Q6LDJ3; Q7KZ56; Q8N6U4; D3DPH4
Molecular Weight	138,564 Da
NCBI Official Full Name	collagen alpha-1(III) chain preproprotein
NCBI Official Synonym Full Names	collagen, type III, alpha 1
NCBI Official Symbol	COL3A1
NCBI Official Synonym Symbols	EDS4A
NCBI Protein Information	collagen alpha-1(III) chain; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; Ehlers-Danlos syndrome type IV, autosomal dominant
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1
UniProt Entry Name	CO3A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/col3a1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153578>