

Collagen Type XI Alpha 2 (COL11a2) Recombinant Protein | COL11a2 recombinant protein

Recombinant Collagen Type XI Alpha 2 (COL11a2)

CATALOG # AAA161991	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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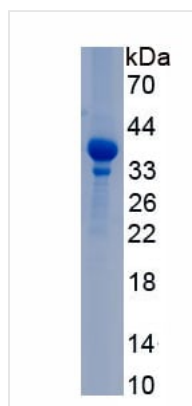
PRODUCT SYNONYMS

Collagen Type XI Alpha 2 (COL11a2); Recombinant Collagen Type XI Alpha 2 (COL11a2); Collagen Type XI Alpha 2; COL11a2 recombinant protein (prokaryotic); Human; COL11-A2; DFNA13; DFN53; HKE5; Collagen Alpha-2(XI)chain4; COL11a2 recombinant protein

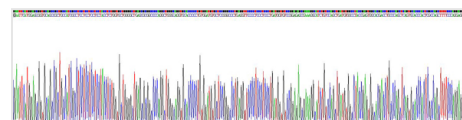
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Met1~Gln266
Applicable Applications for COL11a2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Species	Human
Expression System	Prokaryotic expression
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	10.4
Subcellular Location	Secreted, Extracellular matrix
Research Area	Metabolic pathway, Developmental science, Nutrition metabolism, Bone metabolism
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure. Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for COL11a2 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254939712
NCBI GeneID	1302
NCBI Accession #	NP_001157243.1
NCBI GenBank Nucleotide #	NM_001163771.1
UniProt Accession #	P13942; Q07751; Q13271; Q13272; Q13273; Q5JP94; Q5SUI8; Q7Z6C3; Q99866; Q9UIP9; A6NLX2; E7ER90
Molecular Weight	171,791 Da
NCBI Official Full Name	collagen alpha-2(XI) chain isoform 4
NCBI Official Synonym Full Names	collagen, type XI, alpha 2
NCBI Official Symbol	COL11A2
NCBI Official Synonym Symbols	HKE5; PARP; STL3; FBCG2; DFNA13; DFNB53
NCBI Protein Information	collagen alpha-2(XI) chain; collagen alpha-2(XI) chain; pro-a2 chain of collagen type XI
UniProt Protein Name	Collagen alpha-2(XI) chain
UniProt Gene Name	COL11A2
UniProt Entry Name	COBA2_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/col11a2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/161991>