

Collagen Type I Alpha 2 (COL1a2) Recombinant Protein | COL1a2 recombinant protein

Recombinant Collagen Type I Alpha 2 (COL1a2)

CATALOG # AAA153304	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Collagen Type I Alpha 2 (COL1a2); Recombinant Collagen Type I Alpha 2 (COL1a2); Collagen Type I Alpha 2; COL1a2 recombinant protein (prokaryotic); Chicken; COL1-A2; OI4; Collagen Alpha-2(I)chain; osteogenesis imperfecta type IV; Collagen Of Skin; Tendon And bone; Alpha-2 Chain; COL1a2 recombinant protein

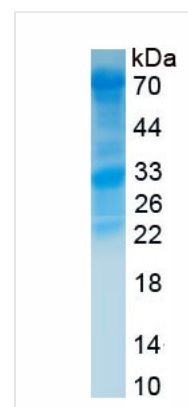
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gln78~Pro443
Applicable Applications for COL1a2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Chicken
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	10.8
Subcellular Location	Secreted, 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

QYDFSKAADPGFPGWLMGRPGPGASGPPGPGVPCGPGGOTPGQFPGPPGPKAGEDHFGKPGRCVAG
PGARGPPTGLPGFPGIRGNLDGKGGPTCTKCEPGAPGEMTPOGPGARGLPGERIGAPGPGARGSDGSAGP
TGFAGPTGAAGPPGPGAPAKGEIGFAGNYGPTGAPGRGEIGLVSSGPGVPGNPGANLPAKGAAGLPVAGAPGLP
QTRGLPGFPGPGAGLWEPGAGARGESGNCEPCAGPPGPGSGEBGERSNGEPGAGPPGAGLRGVGSRG
LPGADCRAGVPGAGNRGASGPGVCAKPGNDAKRPCEP

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for COL1a2 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P02467
Molecular Weight	70/33/22kDa
UniProt Protein Name	Collagen alpha-2(I) chain
UniProt Gene Name	COL1A2

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/col1a2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153304>