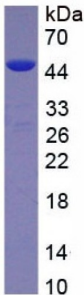
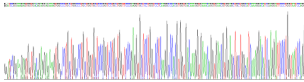


Human Collagen Alpha-1 III Chain (COL3A1) Protein

Catalogue No.:abx066001



SDS-PAGE analysis of recombinant Human COL3A1 Protein.



Gene sequencing extract of recombinant Human COL3A1 Protein.

Human Collagen Alpha-1 III Chain (COL3a1) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target:	Collagen Alpha-1 III Chain (COL3A1)
Research Area:	Metabolic Pathways
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 97%

Datasheet

Version: 6.0.0
Revision date: 30 Jun 2025



Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P02461 (UniProt , ExPASy)
Gene Symbol:	COL3A1
GeneID:	1281
OMIM:	120180
KEGG:	hsa:1281
String:	9606.ENSP00000304408
Molecular Weight:	Calculated MW: 45.8 kDa Observed MW (SDS-PAGE): 47 kDa
Sequence Fragment:	Gly1059-Leu1466
Sequence:	GK SGRGESGPA GPAGAPGPAG SRGAPGPQGP RGDKGETGER GAAGIKGHRG FPGNPGAPGS PGPAGQQGAI GSPGPAGPRG PVGPSGPPGK DGTSGHPGPI GPPGPRGNRG ERGSEGSPPGH PGQPGPPGPP GAPGPCCGGV GAAAIAGIGG EKAGGFAPYY GDEPMDFKIN TDEIMTSLKS VNGQIESLIS PDGSRKNPAR NCRDLKFCHP ELKSGEYWVD PNQGCKLDAI KVFCNMETGE TCISANPLNV PRKHWWDSS AEKKHVWFGE SMDGGFQFSY GNPPELPELV DVHLAFLRL SSRASQNTY HCKNSIAYMD QASGNVKKAL KLMGSNEGEF KAEGNSKFTY TVLEDGCTKH TGEWSKTVFE YRTRKAVRLP IVDIAPYDIG GPDQEFQVDV GPVCFL
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 1500 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.