

[Go to Product page](#)

Datasheet for ABIN7505045

COL1A1 Protein (AA 1021-1109) (TRX tag,His tag)

Overview

Quantity:	100 µg
Target:	COL1A1
Protein Characteristics:	AA 1021-1109
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL1A1 protein is labelled with TRX tag,His tag.

Product Details

Sequence:	Glu 1021-Gly 1109
Characteristics:	A DNA sequence encoding the Human COL1A1 protein (P02452) (Glu1021-Gly1109) was expressed with a N-terminal His tagged TRX tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	COL1A1
Alternative Name:	Collagen alpha-1 chain (COL1A1 Products)
Background:	<p>Background: Type I collagen is the most abundant structural protein of connective tissues such as skin, bone and tendon. It is synthesized as a procollagen molecule which is characterized by a 300 nm triple helical domain flanked by globular N- and C-terminal propept</p> <p>Synonym: Collagen alpha-1(I) chain, Alpha-1 type I collagen, COL1A1, COL1A1</p>

Target Details

Molecular Weight:	29.68 kDa
UniProt:	P02452
Pathways:	Sensory Perception of Sound , Autophagy , Growth Factor Binding

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months