

[Go to Product page](#)

Datasheet for ABIN7390124

COL1A1 Protein (AA 1225-1453) (His tag)

Overview

Quantity:	100 µg
Target:	COL1A1
Protein Characteristics:	AA 1225-1453
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL1A1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Gly22-Ser154
Characteristics:	Recombinant Collagen Type I Alpha 1 (COL1a1), Prokaryotic expression, Gly22-Ser154, N-terminal His and GST Tag
Purity:	> 95%
Endotoxin Level:	< 1.0EU per 1µg (determined by the LAL method)

Target Details

Target:	COL1A1
Alternative Name:	Collagen Type I Alpha 1 (COL1A1 Products)
Background:	COL-1A1, COL1-A1, COL1A-1, OI4, Collagen Alpha-1(I)chain

Target Details

Molecular Weight:	33 kDa
UniProt:	P11087
Pathways:	Sensory Perception of Sound , Autophagy , Growth Factor Binding

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point: 5.7
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Buffer:	PBS, pH7.4, containing 0.05% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C, -80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months