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Datasheet for ABIN7311774

COL9A1 Protein (AA 24-328) (His tag)

Overview

Quantity:	50 µg
Target:	COL9A1
Protein Characteristics:	AA 24-328
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL9A1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human COL9A1 Protein is produced by our mammalian expression system and the target gene encoding Ala24-Pro328 is expressed with a 6His tag at the C-terminus.
Sequence:	AVKRRPRFPV NSNSNGGNEL CPKIRIGQDD LPGFDLISQF QVDKAASRRA IQRVVGSA TL QVAYKLGNNV DFRIPTRNLY PSGLP EEYSF LTFRMTGST LKKNWNIWQI QDSSGKEQVG IKINGQTQSV VFSYKGLDGS LQTAAFSNLS SLFDSQWHKI MIGVERSSAT LFVDCNRIES LPIKPRGPID IDGFAVLGKL ADNPQVSVPF ELQWMLIHCD PLRPRRETCH ELPARITPSQ TTDERGPPGE QGPPGPPGPP GVPIDGIDG DRGPKGPPGP PGPAGEPGKP GAPGKPGTPG ADTSPVDHHH HHH
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	COL9A1
Alternative Name:	COL9A1 (COL9A1 Products)
Gene ID:	1297
UniProt:	P20849

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.