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Datasheet for ABIN7505651

COL4A1 Protein (AA 1441-1669) (His tag)

Overview

Quantity:	100 µg
Target:	COL4A1
Protein Characteristics:	AA 1441-1669
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL4A1 protein is labelled with His tag.

Product Details

Sequence:	Ser1441-Thr1669
Characteristics:	A DNA sequence encoding the Human COL4α1 protein (P02462) (Ser1441-Thr1669) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	COL4A1
Alternative Name:	Arresten (COL4A1 Products)
Background:	Background: Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen. Arresten, comprising the C-terminal NC1 domain, inhibits angiogenesis Synonym: Collagen alpha-1(IV) chain, COL4A1, Arresten

Target Details

Molecular Weight:	25.08 kDa
UniProt:	P02462
Pathways:	Skeletal Muscle Fiber Development , 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