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Datasheet for ABIN7505073

COL1A1 Protein (AA 1222-1466) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | COL1A1 |
| Protein Characteristics: | AA 1222-1466 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This COL1A1 protein is labelled with His tag. |

Product Details

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| Sequence: | Asp 1222-Leu 1466 |
| Characteristics: | A DNA sequence encoding the Human PIIICP protein (p02461) (Asp1222~Leu1466) was expressed with a N-His . |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | COL1A1 |
| Alternative Name: | Collagen alpha-1 Chain (COL1A1 Products) |
| Background: | <p>Background: Collagen type III is found in most soft connective tissues, such as skin, lung, and the vascular system, often in association with type I collagen. It is a trimer of alpha 1(III) chains that are linked by interchain disulfide bonds. Defective collagen typ</p> <p>Synonym: Collagen alpha-1(III) chain, CO3A1_HUMAN, CO3A1, PIIICP</p> |

Target Details

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|-------------------|---|
| Molecular Weight: | 26.84 kDa |
| Pathways: | Sensory Perception of Sound , Autophagy , Growth Factor Binding |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| 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 |