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Datasheet for ABIN7505165

COL2A1 Protein (AA 1-268) (GST-His-Tag)

Overview

Quantity:	100 µg
Target:	COL2A1
Protein Characteristics:	AA 1-268
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL2A1 protein is labelled with GST-His-Tag.

Product Details

Sequence:	Met 1-Leu 268
Characteristics:	A DNA sequence encoding the Human COL2A1 protein (P02458-3) (Met 1-Leu 268) was expressed with a N-GST&C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	COL2A1
Alternative Name:	COL2A1 (COL2A1 Products)
Background:	Background: COL2A1 is the alpha-1 chain of type II collagen which is a fibrillar collagen found in cartilage and the vitreous humor of the eye. Mutations in this protein are associated with achondrogenesis, chondrodysplasia, early onset familial osteoarthritis, SED c Synonym: ANFH,AOM,COL11A3,SEDC,STL1

Target Details

Molecular Weight:	54.37 kDa
Pathways:	Sensory Perception of Sound, 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