Recombinant Dog COL1A2 Protein, His/GST-tagged

Cat. No. COL1A2-218D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog COL1A2(Gly1057~Leu1339) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	Gly1057~Leu1339
Description	COL1A2 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	60.9kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

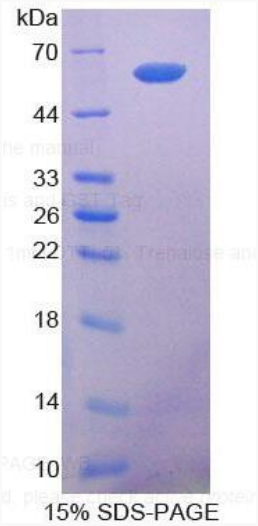
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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	COL1A2 collagen, type I, alpha 2 [Canis lupus familiaris]
Official Symbol	COL1A2
Synonyms	COL1A2; collagen, type I, alpha 2; collagen alpha-2(I) chain; alpha-2 type I collagen; COL1A2 gene exons 8 through 12; type I procollagen pro-alpha 2 chain;
Gene ID	403824
mRNA Refseq	NM_001003187
Protein Refseq	NP_001003187
UniProt ID	O46392

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15% SDS-PAGE

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