

Recombinant Chicken COL12A1 Protein (139-311 aa), His-tagged

Cat. No. COL12A1-1366C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken COL12A1 Protein (139-311 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Chicken
Source	Yeast
ProteinLength	139-311 aa
Description	Type XII collagen interacts with type I collagen-containing fibrils, the COL1 domain could be associated with the surface of the fibrils, and the COL2 and NC3 domains may be localized in the perifibrillar matrix.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	21.3 kDa
AA Sequence	DLVFLVDGWSVGRNNFRYILDFMVALVSAFDIGEETRVGVVQYSSDTRTEFNLN QYFRRSDLLDAIKRIPYKGGNTMTGEAIDYLVKNTFTESAGARKGFPKVAIVITDGKA QDEVEIPARELRNIGVEVFSLGIIKAADAKELKLIASQPSLKHVFNVANFDGIVDIQNEI
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

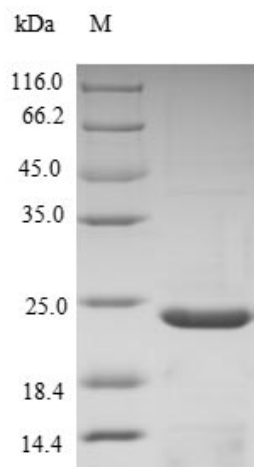
GENE INFORMATION

Gene Name	COL12A1 collagen type XII alpha 1 chain [Gallus gallus (chicken)]
Official Symbol	COL12A1
Synonyms	COL12A1; Fibrochimerin;
Gene ID	395875
UniProt ID	P13944

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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