

Recombinant Rat Col18a1Protein, His/GST-tagged

Cat. No. Col18a1-328R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Col18a1(Ser1072~Gly1271) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser1072~Gly1271
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	54.5kDa
Endotoxin	<1.0EU per 1ug (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 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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Reconstitution	Reconstitute in PBS or others
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GENE INFORMATION

Gene Name	Col18a1 collagen, type XVIII, alpha 1 [Rattus norvegicus]
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Official Symbol	Col18a1
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Synonyms	COL18A1; collagen, type XVIII, alpha 1; procollagen, type XVIII, alpha 1;
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Gene ID	85251
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mRNA Refseq	NM_053489
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Protein Refseq	NP_445941
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