

## Recombinant Mouse COL2a1 protein, His-GST-tagged

Cat. No. COL2a1-3325M Lot. No. (See product label)

### SPECIFICATION

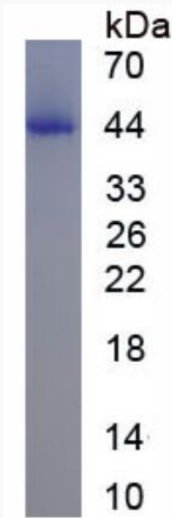
<b>Product Overview</b>	Recombinant Mouse COL2a1 protein(Gly677~Ala817), fused with N-terminal His and GST Tag, was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly677~Ala817
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	44kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 90%
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Reconstitution</b>	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### GENE INFORMATION

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<b>Gene Name</b>	Col2a1 collagen, type II, alpha 1 [ Mus musculus ]
<b>Official Symbol</b>	COL2a1
<b>Synonyms</b>	COL2A1; collagen, type II, alpha 1; collagen alpha-1(II) chain; chondrocalcin; alpha-1 type II collagen; disproportionate micromelia; procollagen, type II, alpha 1; Dmm; Col2; Del1; Col2a; Col2a-1; M100856; Rgsc856; MGC90638;
<b>Gene ID</b>	12824
<b>mRNA Refseq</b>	NM_001113515
<b>Protein Refseq</b>	NP_001106987
<b>SDS-PAGE</b>	

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