

## Recombinant Mouse Col6a1 protein, His-tagged

Cat. No. Col6a1-346M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Col6a1 protein(Asn82~Phe212), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn82~Phe212
<b>Form</b>	20mM Tris, 150mM NaCl, pH8.0, containing 0.05% sarcosyl and 5% trehalose.
<b>Molecular Mass</b>	16kDa as determined by SDS-PAGE reducing conditions
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 %
<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 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### GENE INFORMATION

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<b>Gene Name</b>	COL6A1 collagen, type VI, alpha 1 [ Homo sapiens ]
<b>Official Symbol</b>	Col6a1
<b>Synonyms</b>	COL6A1; collagen, type VI, alpha 1; collagen alpha-1(VI) chain; alpha 1 (VI) chain (61 AA); collagen VI, alpha-1 polypeptide; OPLL;
<b>Gene ID</b>	1291
<b>mRNA Refseq</b>	NM_001848
<b>Protein Refseq</b>	NP_001839
<b>MIM</b>	120220
<b>UniProt ID</b>	P12109

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