

Recombinant Rat Col4a3 protein(Gly1426-His1670), hFc-tagged

Cat. No. Col4a3-8807R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat COL4A3 (NP_001129231) (Gly1426-His1670) was expressed in HEK293 with Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Gly1426-His1670
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat COL4A3 comprises 505 amino acids and predicts a molecular mass of 55.2 kDa. The apparent molecular mass of the recombinant protein is approximately 59 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Col4a3 collagen, type IV, alpha 3 [Rattus norvegicus]
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Official Symbol	Col4a3
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Synonyms	COL4A3; collagen, type IV, alpha 3;
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Gene ID	116559
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