

Recombinant Human COL4A5 protein, GST-tagged

Cat. No. COL4A5-11435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL4A5 protein(423-552 aa), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	423-552 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	GLDGQPGAPGLPGPPGPAGPHIPPSDEICEPGPPGPPGSPGDKGLQGEQGVKGDK GDTCFNCIGTGISGPPGQPLPGLPGPPGSLGFPQGKGEKGQAGATGPKGLPGIPG APGAPGFPGSKGEPGDILT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name COL4A5 collagen, type IV, alpha 5 [Homo sapiens]

Official Symbol COL4A5

Synonyms Arresten; Canstatin; CO4A1_HUMAN; COL4A1; COL4A1 NC1 domain; COL4A2; COL4A3; COL4A4; COL4A5; Collagen Alpha 1(IV) Chain; Collagen Alpha 2(IV) Chain; collagen alpha-1(IV) chain; Collagen IV Alpha 1 Polypeptide; Collagen IV Alpha 2 Polypeptide; Collagen Of Basement Membrane Alpha 1 Chain; Collagen Of Basement Membrane Alpha 2 Chain; Collagen Type IV Alpha 1; Collagen Type IV Alpha 2; Collagen Type IV Alpha 3; Collagen Type IV Alpha 4; Collagen Type IV Alpha 5; DKFZp686I14213; FLJ22259;

Gene ID 1287

mRNA Refseq NM_033380.2

Protein Refseq NP_203699.1

MIM 303630

UniProt ID A7MBN3

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