

Recombinant Human COL6A3 Protein

Cat. No. COL6A3-772H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COL6A3 (NP_004360.2) (Thr3101-Thr3177) was expressed.
Species	Human
Source	HEK293
ProteinLength	3101-3177 a.a.
Predicted N Terminal	Thr 3101
Form	Lyophilized from sterile PBS, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human COL6A3 consists 77 amino acids and predicts a molecular mass of 8.5 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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

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

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	COL6A3 collagen type VI alpha 3 [Homo sapiens]
Official Symbol	COL6A3
Synonyms	DYT27; collagen VI, alpha-3 polypeptide; collagen, type VI, alpha 3
Gene ID	1293
mRNA Refseq	NM_004369
Protein Refseq	NP_004360
MIM	120250
UniProt ID	P12111
Chromosome Location	2q37
Pathway	Assembly of collagen fibrils and other multimeric structures, organism-specific biosystem; Collagen biosynthesis and modifying enzymes, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem

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