

## Product datasheet for **TP320535L**

### COL23A1 (NM\_173465) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human collagen, type XXIII, alpha 1 (COL23A1), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC220535 representing NM\_173465

**Red**=Cloning site **Green**=Tags(s)

MGPGERAGGGGDAGKGNAAGGGGGGRSATTAGSRAVSALCLLLSVGSAAACLLLGVQAAALQGRVAALEE  
ERELLRRAGPPGALDAWAEPHLERLLREKLDGLAKIRTAREAPSECVCPPGPPGRRGKPGRRGDPGPPGQ  
SGRDGYPGPLGLDGKPLPGPKGEKGAPGDFGPRGDQGDGAAGPPGPPGPPGARGPPGDTGKDGPARGAQ  
GPAGPKGEPGQDGEMGPKGPPGPKGEPGVPKKGDDGTPSQPGPPGPKGEPGSMGPRGENGVDPGAPGPKG  
EPGHRGTDGAAGPRGAPGLKGEQGDVVIDYDGRILDALKGPPGPQPPGPPGIPGAKGELGLPGAPGID  
GEKGPKGQKGDGPGEPPAGLKEAGEMGLSGLPGADGLKGEKGESASDSLQESLAQLIVEGPPGPPGPP  
GPMGLQGIQGPVKGLDGAKGEKGASGERGPSGLPGVPVGLIPLGPKGKGRPGEPGLDGFPPRGEKG  
DRSERGEKGERGVPGRKGVKQKGEPPGLDQPCVGPDPGLPVPGCWHK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 51.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_775736](#)

Locus ID: 91522

UniProt ID: [Q86Y22](#)

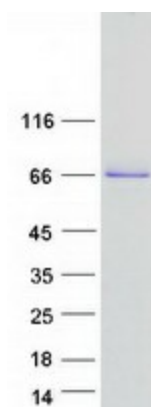
RefSeq Size: 3067

Cytogenetics: 5q35.3

RefSeq ORF: 1620

**Summary:** COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12644459]).[supplied by OMIM, Mar 2008]

### Product images:



Coomassie blue staining of purified COL23A1 protein (Cat# [TP320535]). The protein was produced from HEK293T cells transfected with COL23A1 cDNA clone (Cat# [RC220535]) using MegaTran 2.0 (Cat# [TT210002]).