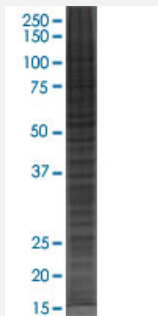


COL8A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001295-T01

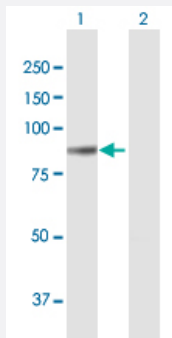
Size 100 uL

Applications



SDS-PAGE Gel

COL8A1 transfected lysate.



Western Blot

Lane 1: COL8A1 transfected lysate (81.84 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-COL8A1 full-length
Host	Human
Theoretical MW (kDa)	81.84
Interspecies Antigen Sequence	Mouse (93); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-COL8A1 antibody ([H00001295-B01P](#)) by Western Blots.
SDS-PAGE Gel
COL8A1 transfected lysate.
Western Blot
Lane 1: COL8A1 transfected lysate (81.84 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — COL8A1

Entrez GeneID[1295](#)**GeneBank Accession#**[DQ893873.2](#)**Protein Accession#**[ABM84799.1](#)**Gene Name**

COL8A1

Gene Alias

C3orf7, MGC9568

Gene Description

collagen, type VIII, alpha 1

Omim ID[120251](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes one of the two alpha chains of type VIII collagen. The gene product is a short chain collagen and a major component of the basement membrane of the corneal endothelium. The type VIII collagen fibril can be either a homo- or a heterotrimer. Alternatively spliced transcript variants encoding the same isoform have been observed. [provided by RefSeq]

Other Designations

alpha 1 type VIII collagen|cell proliferation-inducing protein 41|collagen VIII, alpha-1 polypeptide|endothelial collagen|smooth muscle cell-expressed and macrophage conditioned medium-induced protein smag-64

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Keratoconus](#)
- [Tobacco Use Disorder](#)