

Recombinant Mouse Col8a2 Protein, Myc/DDK-tagged

Cat. No. Col8a2-2244M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length collagen, type VIII, alpha 2 (Col8a2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Macromolecular component of the subendothelium. Major component of the Descemet's membrane (basement membrane) of corneal endothelial cells. Also component of the endothelia of blood vessels. Necessary for migration and proliferation of vascular smooth muscle cells and thus, has a potential role in the maintenance of vessel wall integrity and structure, in particular in atherogenesis.
Molecular Mass	66.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Col8a2 collagen, type VIII, alpha 2 [Mus musculus (house mouse)]
Official Symbol	Col8a2
Synonyms	COL8A2; collagen, type VIII, alpha 2; collagen alpha-2(VIII) chain; endothelial collagen; procollagen type VIII alpha 2; procollagen, type VIII, alpha 2; AI429819; MGC90765
Gene ID	329941
mRNA Refseq	NM_199473
Protein Refseq	NP_955767
UniProt ID	P25318

 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