

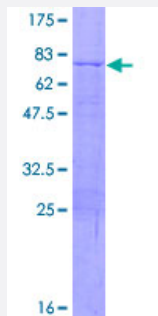
Full-Length

COL8A2 (Human) Recombinant Protein (P01)

Catalog # H00001296-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human COL8A2 full-length ORF (AAH96296.1, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLGTLTPLSSLLLLLLVLVLCGPRASSGGGAGGAAGYAPVKYIQPMQKGPVGPPFREGKGQYL
EMPLPLLPMDLKGEPPGKPGPRGPPGPPGFPKGKPGMGKPGHLGQPGPAGPPGFSRMGKA
GPPGLPGKVGPPGQPLRGEPGIRGDQGLRGPPGPPGLPGPSGITIPGKPGAQGVPPGPFQG
EPGPQGEPPGDRGLKGDNGVGQPLPGAPGQGGAPGPPGLPGPAGLGKPGLDGLPGAPG
DKGESGPPGAFADEGTIAGLHLPNGGVEGAVLGKGGKPQFGLGELSAHATPAFTAVLTSPFPASG
MPVKFDRTLYNGHSGYNPATGIFTCPVGGVYFYAYHVHVKGKTNVWVALYKNNVPATYTYDEYKKG
YLDQASGGAVLQLRPNDQVWVQMPSDQANGLYSTEYIHSSFSGLLCPT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.9

Interspecies Antigen Sequence

Mouse (59); Rat (59)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — COL8A2

Entrez GeneID	1296
GeneBank Accession#	BC096296.3
Protein Accession#	AAH96296.1
Gene Name	COL8A2
Gene Alias	FECD, FLJ00201, MGC116970, MGC116972, PPCD, PPCD2
Gene Description	collagen, type VIII, alpha 2
Omim ID	120252 122000 136800
Gene Ontology	Hyperlink
Gene Summary	type VIII
Other Designations	OTTHUMP00000009029 OTTHUMP00000194904 collagen VIII, alpha-2 polypeptide dJ665N4.1 (collagen type VIII alpha 2)

Disease

- [Keratoconus](#)