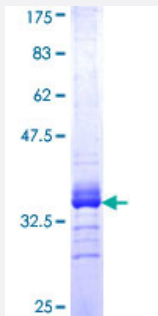


COL9A3 (Human) Recombinant Protein (Q01)

Catalog # H00001299-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human COL9A3 partial ORF (NP_001844, 280 a.a. - 338 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GDLGRP GPKGTPGVAGPSGEPGMPGKDGQNGVPGLDGQKGEAGRNGAPGEKGPNGLPGL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	32.23
Interspecies Antigen Sequence	Mouse (86)
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 — COL9A3

Entrez GeneID	1299
GeneBank Accession#	NM_001853
Protein Accession#	NP_001844
Gene Name	COL9A3
Gene Alias	DJ885L7.4.1, EDM3, FLJ90759, IDD, MED
Gene Description	collagen, type IX, alpha 3
Omim ID	120270 600969 603932
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia. [provided by RefSeq]
Other Designations	OTTHUMP00000031507 alpha 3 type IX collagen collagen IX, alpha-3 polypeptide collagen type IX proteoglycan

Disease

- [Chronic Disease](#)
- [Deafness](#)

- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Intervertebral Disk Displacement](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Osteoarthritis](#)
- [Osteochondrodysplasias](#)
- [Spinal Diseases](#)