

Recombinant Full Length Human COL14A1 Protein, GST-tagged

Cat. No. COL14A1-2090HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COL14A1 full-length ORF (AAH14640, 1 a.a. - 759 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	759 amino acids
Description	This gene encodes the alpha chain of type XIV collagen, a member of the FACIT (fibril-associated collagens with interrupted triple helices) collagen family. Type XIV collagen interacts with the fibril surface and is involved in the regulation of fibrillogenesis. [provided by RefSeq, Jan 2013]
Molecular Mass	109.23 kDa
AA Sequence	MDPGALEMKNFNKIISFLYSTVGALNKIGTDGTQVAMVQFTDDPRTEFKLNAYKTKE TLLDAIKHISYKGGNTKTGKAICYVRDTLFTAESGTRRGIPKVIIVITDGRSQDDVNKIS REMQLDGYSIFAIGVADADYSELVSIGSKPSARHVFFVDDFDAFKKIEDELITFVCETA SATCPVVHKDGLDLAGFKMMEMFGLVEKDFSSVEGVSMEPGTFFNVFPCYQLHKDAL VSQPTRYLHPEGLPSDYTISFLFRILPDTPQEPFALWEILNKNSDPLVGVILDNGGKTL TYFNVDQSGDFQTLTFEGPEIRKIFYGSFHKLHIVVSETLVKVVIDCKQVGEKAMNAS ANITSDGVEVLGKMVRSRGPGGNSAPFQLQMFDIVCSTSWANTDKCCELPGLRDD ESCPDLPHSCSCSETNEVALGPAGPPGGPGLRGPKGQQGEPGPKGPDGPRGEIGL

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PGPQGPPGPQGPSGLSIQGMPPGMPGEKGEKGGDTGLPGPQGIPGGVGSPGRDGGSP
GQRGLPGKDGSSGPPGPPGPIGIPGTPGVPGITGSMGPQGALGPPGVPGAKGERG
ERGDLQSQAMVRSVARQVCEQLTQSHMARYTAILNQIPSHSSSIRTQVQPPGEPGR
PGSPGAPGEQGPPTGPFPGNAGVPGTPGERGLTGKGEKGNPGVGTQGPRGPP
GPAGPSGESRPGSPGPPGSPGPRGPPGHLGVPGPQGPSGQPGYCDPSSCSAYG
VRAPHPDQPEFTPVQDELEAMELWGPV

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

COL14A1 collagen, type XIV, alpha 1 [Homo sapiens]

Official Symbol

COL14A1

Synonyms

COL14A1; collagen, type XIV, alpha 1; UND, undulin; collagen alpha-1(XIV) chain; undulin (fibronectin-tenascin-related); UND

Gene ID

7373

mRNA Refseq

NM_021110

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Protein Refseq	NP_066933
MIM	120324
UniProt ID	Q05707

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