

Product datasheet for **TP304010**

COL9A3 (NM_001853) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human collagen, type IX, alpha 3 (COL9A3), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204010 protein sequence
Red=Cloning site **Green**=Tags(s)

MAGPRACAPLLLLLLLLGELLAAGAQRVGLPGPPGPPGPPGKPGQDGDGEAGPPGLPGPPGPKGAPGK
P
GKPGEAGLPGLPGVDGLTGRDGPPGPKGAPGERGSLGPPGPPGLGGKGLPGPPGEAGVSGPPGGIGLRG
P
PGPSGLPGLPGPPGPPGPPGHPGVLPAGATDLQCPSICPPGPPGPPGMPGFKGPTGYKGEQGEVGKDGE
K
GDPGPPGPAGLPGSVGLQGPRGLRGLPGPLGPPGDRGPPIGFRGPPGPIGAPGKAGDRGERGPEGFRGPK
G
DLGRPGPKGTPGVAGPSGEPGMPGKDGQNGVPGLDGQKGEAGRNGAPGEKGPNGLPGLPGRAGSKGE
KGE
RGRAGELGEAGPSGEPGVPGDAGMPGERGEAGHRGSAGALGPQPPGAPGVRGFQGGQKGSMDPGLP
GPQ
GLRGDVGDRGPGAAGPKGDQGIAGSDGLPGDKGELGPSGLVGPKGESGSRGELGPKGTQGPNGTSGV
QG
VPGPPGPLGLQGVPGVPGITGKPGVPGKEASEQRIELCGMISEQIAQLAAHLRKPLAPGSIGRPGPAG
PPGPPGPPGSIGHPGARGPPGYRGPTGELGDPGPRGNQGDRGDKGAAGAGLDGPEGDQGPQGPQGV
GTS
KDGQDGAPGEPGPPGDPGLPGAIGAQTGICDTSACQGAVLGGVGEKSGSRSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 61.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

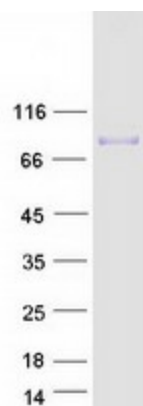
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001844</u>
Locus ID:	1299
UniProt ID:	<u>Q14050</u>
RefSeq Size:	2485
Cytogenetics:	20q13.33
RefSeq ORF:	2052
Synonyms:	DJ885L7.4.1; EDM3; IDD; MED
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 type 3. [provided by RefSeq, Jan 2010]

Product images:



Coomassie blue staining of purified COL9A3 protein (Cat# TP304010). The protein was produced from HEK293T cells transfected with COL9A3 cDNA clone (Cat# [RC204010]) using MegaTran 2.0 (Cat# [TT210002]).