

Product datasheet for TP304010L

COL9A3 (NM_001853) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human collagen, type IX, alpha 3 (COL9A3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204010 protein sequence Red=Cloning site Green=Tags(s)

MAGPRACAPLLLLLLLLGELLAAGAQRVGLPGPPGPPGPPGKPGQDGDGEAGPPGLPGPPGPKGAPGK
P
GKPGEAGLPGLPGVDGLTGRDGPPGPKGAPGERGSLGPPGPPGLGGKGLPGPPGEAGVSGPPGGIGLRG
P
PGPSGLPGLPGPPGPPGPPGHPGVLPAGATDLQCPSICPPGPPGPPGMPGFKGPTGYKGEQGEVGDGE
K
GDPGPPGPAGLPGSVGLQGPRGLRGLPGPLGPPGDRGPIGFRGPPGIPGAPGKAGDRGERGPEGFRGPK
G
DLGRPGPKGTPGVAGPSGEPGMPGKDGQNGVPLDQKGEAGRNGAPGEKGNLPLGLPGRAGSKGE
KGE
RGRAGELGEAGPSGEPGVPGDAGMPGERGEAGHRGSAGALGPQGGPAGVGRGFQGGKGSMDPGLP
GPQ
GLRGDVGDRGPGGAAGPKGDQGIAGSDGLPGDKGELGPSGLVGPKGESGSRGELGPKGTQGPNGTSGV
QG
VPGPPGPLGLQGVPGVPGITGKPGVPGKEASEQRIRELCGGMISEQIAQLAAHLRKPLAPGSIGRPGPAG
PPGPPGPPGSIGHPGARGPPGYRGPTGELGDPGPRGNQGDRGDKGAAGAGLDGPEGDQGPQGPQGV
GTS
KDGQDGAPGEPGPPGDPGLPGAIGAQTGICDTSACQGAVLGGVGEKSGSRSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

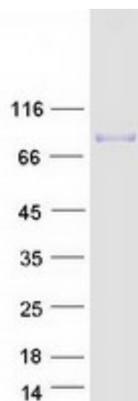
Tag:	C-Myc/DDK
Predicted MW:	61.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



[View online »](#)

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:	NP_001844
Locus ID:	1299
UniProt ID:	Q14050
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]).