

Product datasheet for PH304010

COL9A3 (NM_001853) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COL9A3 MS Standard C13 and N15-labeled recombinant protein (NP_001844)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204010
Predicted MW:	63.6 kDa
Protein Sequence:	>RC204010 protein sequence Red =Cloning site Green =Tags(s)

MAGPRACAPLLLLLLGELLAAGAQRVGLPGPPGPPGPKPGQDIDGEAGPPGLPGPPGPKGAPGKP
 GKPGAEAGLPGLPGVDGLTGRDGPPGPKGAPGERGSLGPPGPPGLGKGLPGPPGEAGVSGPPGGIGLRGP
 PGPSGLPGLPGPPGPPGHPGVLPAGATDLQCPSICPPGPPGPPGMPGFKGPTGYKGEQGEVGDGEK
 GDPGPPGAGLPGSVGLQGPRGLRGLPGPLGPPGDRGPIGFRGPPGPIGAPGKAGDRGERGPEGFRGPKG
 DLGRP GPKGT PGVAGPSGEPGMPGKDGQNGVPLDGQKGEAGRNGAPGEKGNGLPGLPGRAGSKGEKGE
 RGRAGELGEAGPSGEPGVPDAGMPGERGEAGHRGSAGALGPQPPGAPGVRGFQKQKSGMDPGLPGPQ
 GLRGDVGDRGPGGAAGPKGDQGIAGSDGLPGDKGELGPSGLVGPKEGSGSRGELGPKGTQGPNGTSGVQG
 VPGPPGPLGLQGVPGVPGITGKPGVPGKEASEQRIRELCGGMISEQIAQLAAHLRKPLAPGSI GRPGAP
 PPGPPGPGSIGHPGARGPPGYRGPTGELGDPGPRGNQGDGRDKGAAGAGLDGPEGDQGPQGPQGVPGTS
 KDGQDGAPGEPGPPGDPGLPGAIGAQTGICDT SACQGAVLGGVGEKSGSRSS

TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001844
RefSeq Size:	2485


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RefSeq ORF: 2052

Synonyms: DJ885L7.4.1; EDM3; IDD; MED

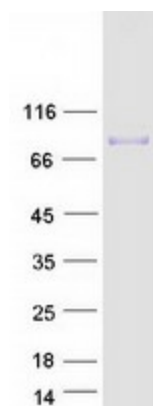
Locus ID: 1299

UniProt ID: [Q14050](#)

Cytogenetics: 20q13.33

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]).