

Recombinant Human COL23A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COL23A1-3786H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COL23A1 MS Standard C13 and N15-labeled recombinant protein (NP_775736) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain.
Molecular Mass	51.8 kDa
AA Sequence	MGPGERAGGGGDAGKGNAAGGGGGGRSATTAGSRAVSALCLLLSVGSAAACLLL GVQAAALQGRVAALEEERELLRRAGPPGALDAWAEPHLERLLREKLDGLAKIRTAR EAPSECVCPPGPPGRRGKPGRRGDPGPPGQSGRDGYPGPLGLDGKPGLPGPKGE KGAPGDFGPRGDQGDGAAGPPGPPGPPGARGPPGDTGKDGPRAQGPAGPKG EPGQDGEMGPKGPPGPKGEPGVPGKKGDDGTPSQPGPPGPKGEPGSMGPRGEN GVDGAPGPKGEPGHRGTDGAAGPRGAPGLKGEQGD TVVIDYDGRILDALKGPPGP QGPPGPPGIPGAKGELGLPGAPGIDGEGPKGQKGDGPGEPPAGLKGEAGEMGLS GLPGADGLKGEKGESASDSLQESLAQLIVEGPPGPPGPPGPMGLQGIQGPGLD GAKGEKGASGERGPSGLPGVPVGPGLIGLPGTKGEKGRPGEPGLDGFPGPRGEK GDRSERGEKGERGVPRGKGVKGQKGEPPGLDQPCPVGPDGLPVPGCWHKTR TRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	COL23A1 collagen type XXIII alpha 1 chain [Homo sapiens (human)]
Official Symbol	COL23A1
Synonyms	COL23A1; collagen, type XXIII, alpha 1; collagen alpha-1(XXIII) chain; DKFZp434K0621; procollagen, type XXIII, alpha 1;
Gene ID	91522
mRNA Refseq	NM_173465
Protein Refseq	NP_775736
MIM	610043
UniProt ID	Q86Y22

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