Recombinant Human COL6A2 cell lysate

Cat. No. COL6A2-382HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene.
Size	100 ug
Recommended Usage	Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.
Storage Buffer	In modified RIPA Lysis Buffer.
Applications	Western Blot;Immunoprecipitation;

GENE INFORMATION

Gene Name	COL6A2 collagen, type VI, alpha 2 [Homo sapiens]

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Official Symbol	COL6A2
Synonyms	COL6A2; collagen, type VI, alpha 2; collagen alpha-2(VI) chain; collagen VI, alpha-2 polypeptide; human mRNA for collagen VI alpha-2 C-terminal globular domain; PP3610; FLJ46862; DKFZp586E1322;
Gene ID	1292
mRNA Refseq	NM_001849
Protein Refseq	NP_001840
MIM	120240
UniProt ID	P12110
Chromosome Location	21q22.3
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;
Function	extracellular matrix structural constituent; protein binding; protein binding, bridging;

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