

Recombinant Human COL11A1 Protein, His-tagged, OVA Conjugated

Cat. No. COL11A1-2792H Lot. No. (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human COL11A1 Protein (Gln512-Arg528) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Gln512-Arg528
Description	This gene encodes one of the two alpha chains of type XI collagen, a minor fibrillar collagen. Type XI collagen is a heterotrimer but the third alpha chain is a post-translationally modified alpha 1 type II chain. Mutations in this gene are associated with type II Stickler syndrome and with Marshall syndrome. A single-nucleotide polymorphism in this gene is also associated with susceptibility to lumbar disc herniation. Multiple transcript variants have been identified for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	COL11A1 collagen, type XI, alpha 1 [Homo sapiens]
Official Symbol	COL11A1
Synonyms	COL11A1; collagen, type XI, alpha 1; COLL6; collagen alpha-1(XI) chain; CO11A1; collagen XI; alpha 1 polypeptide; STL2; collagen XI, alpha-1 polypeptide;
Gene ID	1301
mRNA Refseq	NM_001190709
Protein Refseq	NP_001177638
MIM	120280

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UniProt ID

P12107

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