

Recombinant Collagen Type II Alpha 1 (COL2a1) Instruction Manual

SIPD937Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	10.4kDa
Accurate Molecular Mass	13kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser1386~Pro1467 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	9.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

SQNIT YHCKNSIAYL
DEAAGNLKKA LLIQGSNDVE IRAEGNSRFT YTALKDGGCTK HTGKWKGTVI
EYRSQKTSRL PIIDIAP

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

