

Recombinant Collagen Type VI Alpha 3 (COL6a3) Instruction Manual

SIPC695Hu01

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	21.1kDa
Accurate Molecular Mass	22kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala463~Leu624 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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AIRDFIAK VIQRLEIGQD LIQVAVAQYA DTVRPEFYFN  
THPTKREVIT AVRKMKPLDG SALYTGSA LD FVRNNLFTSS AGYRAAEGIP  
KLLVLITGGK SLDEISQPAQ ELKRSSIMAF AIGNKGADQA ELEEIAFDSS  
LVFIPAEFRA APLQGMLPGL LAPL
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

