

Collagen Type VI Alpha 1 Recombinant Protein | COL6a1 recombinant protein

Recombinant Collagen Type VI Alpha 1 (COL6a1)

CATALOG # AAA143999	HOST E.coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Collagen Type VI Alpha 1; Recombinant Collagen Type VI Alpha 1 (COL6a1); COL6a1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Human
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	ADITILLDGS ASVGSHNFD TTKRF AKRLAE RFLTAGRTDP AHDVRVAVVQ YSGTGQQRPE RASLQFLQNY TALASAVDAM DFINDATDVN DALGYVTRFY REASSGAACK RLLLFSDGNS QGATPAAIEK AVQEAQRAGI EIFVVVGRQ VNEPHIRVLV TGKTAEYDVA YGESHLFRVP SYQALLRGVF HQTVS
Applicable Applications for COL6a1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala828-Ser1022
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.8
Predicted Molecular Mass	22.5kDa
Accurate Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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°C 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.



SDS-PAGE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/collagen-type-vi-alpha-1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143999>