

Collagen Type VI Alpha 3 Recombinant Protein | COL6a3 recombinant protein

Recombinant Collagen Type VI Alpha 3 (COL6a3)

CATALOG # AAA144059	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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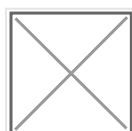
PRODUCT SYNONYMS

Collagen Type VI Alpha 3; Recombinant Collagen Type VI Alpha 3 (COL6a3); COL6a3 recombinant protein

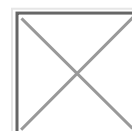
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	AIRDFIAKVI QRLEIGQDLI QVAVAQYADT VRPEFYFNTH PTKREVITAV RKMKPLDGSA LYTGSALDFV RNNLFTSSAG YRAAEGIPKL LVLITGGKSL DEISQPAQEL KRSSIMAFAI GNKGADQAEI EEIAFDSSLV FIPAEFRAAP LQGMLPGLLA PL
Applicable Applications for COL6a3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala463~Leu624
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	7.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES



Sequence



Identification



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	3127926
NCBI GeneID	1293
UniProt Accession #	P12111; Q16501; Q53QF4; Q53QF6; A8MT30; B4E3U5; B7ZMJ7; E9PFQ6; E9PGQ9
Molecular Weight	Predicted Molecular Mass: 21.1kDa Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	collagen type VI, alpha 3 chain
NCBI Official Synonym Full Names	collagen, type VI, alpha 3
NCBI Official Symbol	COL6A3
NCBI Official Synonym Symbols	DYT27
NCBI Protein Information	collagen alpha-3(VI) chain
UniProt Protein Name	Collagen alpha-3(VI) chain
UniProt Gene Name	COL6A3
UniProt Entry Name	CO6A3_HUMAN

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/col6a3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144059>