

Collagen Type IV Alpha 3 (COL4a3) Recombinant Protein | COL4a3 recombinant protein

Recombinant Collagen Type IV Alpha 3 (COL4a3)

CATALOG # AAA153518	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

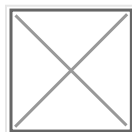
PRODUCT SYNONYMS

Collagen Type IV Alpha 3 (COL4a3); Recombinant Collagen Type IV Alpha 3 (COL4a3); Collagen Type IV Alpha 3; COL4a3 recombinant protein (prokaryotic); Human; COL4-A3; Tumstatin; Goodpasture Antigen; Collagen Alpha-3(IV)chain; COL4a3 recombinant protein

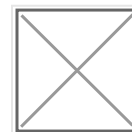
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for COL4a3 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro1426~His1670
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	8.5
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration less than or equal to 0.1mg/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



SDS-PAGE



Gene Sequence
Gene Sequencing (extract)



Application Data
Amino Acid info

ADDITIONAL INFORMATION

Product Categories/Family for COL4a3 recombinant protein	Prokaryotic proteins
--	----------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	89142730
NCBI GeneID	1285
NCBI Accession #	NP_000082.2
NCBI GenBank Nucleotide #	NM_000091.4
UniProt Accession #	Q01955; Q53QQ1; Q53R14; Q53RW8; Q9BQT2; Q9NYC4; Q9UDJ9; Q9UDK9; Q9UDL0; Q9UDL1
Molecular Weight	Predicted Molecular Mass: 30.7kDa Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	collagen alpha-3(IV) chain
NCBI Official Synonym Full Names	collagen, type IV, alpha 3 (Goodpasture antigen)
NCBI Official Symbol	COL4A3
NCBI Protein Information	collagen alpha-3(IV) chain; collagen alpha-3(IV) chain; tumstatin; collagen IV, alpha-3 polypeptide
UniProt Protein Name	Collagen alpha-3(IV) chain
UniProt Gene Name	COL4A3
UniProt Entry Name	CO4A3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/col4a3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153518>