

Collagen Type XIX (COL19) Recombinant Protein | COL19 recombinant protein

Recombinant Collagen Type XIX (COL19)

CATALOG # AAA149292	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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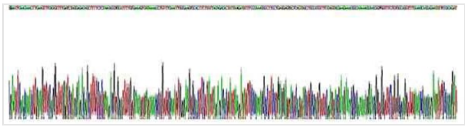
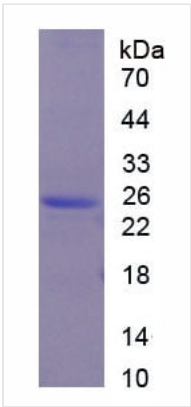
PRODUCT SYNONYMS

Collagen Type XIX (COL19); Recombinant Collagen Type XIX (COL19); COL19-A1; COL9A1L; COL19A1; Collagen Alpha-1(XIX)chain; Collagen alpha-1(Y) chain; COL19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for COL19 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn50~Ala234
Tags	N-terminal His Tag
Subcellular Location	Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
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



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

KLEVSGFDLG	DSFSLRRAFC	ESDKTCFKLG	SALLIRDITK	IFPKGLPEEY	N
SVAAMFRVRR	NAKKERWFLW	QVLNQNIPO	ISIVVGGKK	VVEFMFOATE	
GDVLNVIERN	RELRLFDRO	WHKLGISIQS	QVISLYMDCN	LIARRQTDEK	
DTVDFHGRTV	IATRASDGKP	VDIELHQLKI	YCSA		

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for COL19 recombinant protein	Metabolic pathway; Developmental science; Nutrition metabolism; Bone metabolism
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NCBI AND UNIPROT INFORMATION

Molecular Weight	N/APredicted Molecular Mass: 25.1kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
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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-xix-col19-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/149292>