

Collagen Type XVIII Recombinant Protein | COL18 recombinant protein

Recombinant Collagen Type XVIII (COL18)

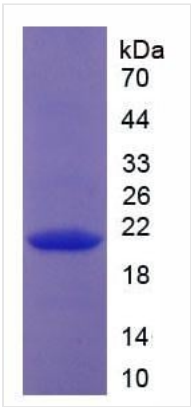
CATALOG # AAA144276	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Collagen Type XVIII; Recombinant Collagen Type XVIII (COL18); COL18 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	9.5 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-H SHRDFQPVLH LVALNSPLSG GMRGIRGADF QCFQQARAVG LAGTFRAFLS SRLQDLYSIV RRADRAAVPI VNLKDELLFP SWEALFSGSE GPLKPGARIF SFDGKDVLRH PTWPQKSVWH GSDPNGRRLT ESYCETWRTE APSATGQASS LLGGRLLGQS AASCHHAYIV LCIENSFMTA SK
Applicable Applications for COL18 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	23.9kDa
Accurate Molecular Mass (KD)	21kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	His1572~Lys1754
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the target protein. 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 of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

	HSRDFQPV	LHLVALNSPL	SGGMRGIRGA
DFQCFQQARA	VGLAGTFRAF	LSSRLQDLYS	IVRRADRAAV
PIVNLKDELL	FPSWEALFSG	SEGPKPGAR	IFSFDGKDLV
RHPTWPQKSV	WHGSDPNRRR	LTESYCETWR	TEAPSATGQA
SSLLGGRLLG	QSAASCHHAY	IVLCIENSFM	TASK

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-xviii-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144276>