

Collagen Type VIII Alpha 1 (COL8a1) Recombinant Protein | COL8a1 recombinant protein

Recombinant Collagen Type VIII Alpha 1 (COL8a1)

CATALOG # AAA134372	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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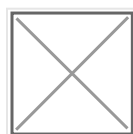
PRODUCT SYNONYMS

Collagen Type VIII Alpha 1 (COL8a1); Recombinant Collagen Type VIII Alpha 1 (COL8a1); COL8a1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for COL8a1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Glu583~Pro743
Tags	N-terminal His Tag
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Predicted isoelectric point	6.6
Predicted Molecular Mass	19.0kDa
Accurate Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
USAGE	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.05-1.0 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	110681716
NCBI GeneID	12837
NCBI Accession #	NP_031765.2
NCBI GenBank Nucleotide #	NM_007739.2
UniProt Accession #	Q00780; Q3TWU7; Q8BGL6; Q921S8; Q9D2V4; B8JL9
NCBI Official Full Name	collagen alpha-1(VIII) chain
NCBI Official Synonym Full Names	collagen, type VIII, alpha 1
NCBI Official Symbol	Col8a1
NCBI Official Synonym Symbols	Col8a-1
NCBI Protein Information	collagen alpha-1(VIII) chain; collagen alpha-1(VIII) chain; procollagen type VIII alpha 1; procollagen, type VIII, alpha 1
UniProt Protein Name	Collagen alpha-1(VIII) chain
UniProt Gene Name	Col8a1
UniProt Entry Name	CO8A1_MOUSE

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/col8a1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134372>