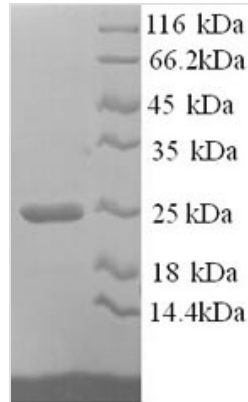




Recombinant Rat Collagen alpha-1 (I) chain, partial

Product Code	CSB-YP005727RA
Relevance	Type I collagen is a member of group I collagen (fibrillar forming collagen).
Abbreviation	Recombinant Rat Col1a1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P02454
Alias	Alpha-1 type I collagen
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QRGERGFPLPGPSGEPGKQGPSGASGERGPPGPMGPPGLAGPPGESGRE GSPGAEGSPGRDGAPGAKGDRGETGPAGPPGAPGAPGAPGVPAGKNGD RGETGPAGPAGPIGPAGARGPAGPQGPGRGDKGETGEQGDRIKGRHGFSGL QGPPGSPGSPGEQGPSGASGPAGPRGPPGSAGSPGKDGLNGLPGPIGPPG PRGRTGDSGPAGPPGPPGPPGPPGPPSGGYDFSFLPQPPQEKSQDGGRY RA
Research Area	Others
Source	Yeast
Target Names	Col1a1
Expression Region	955-1207aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	25.4kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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