

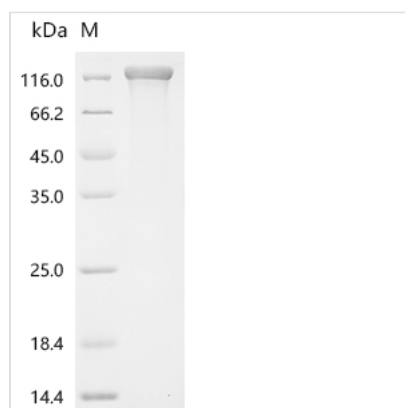


Recombinant Human Collagen alpha-1(III) chain (COL3A1)

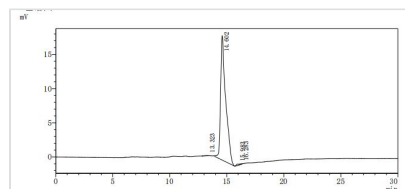
Product Code	CSB-MP005740HU(A4)d7
Abbreviation	Recombinant Human COL3A1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P02461
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Human Collagen alpha-1(III) chain (COL3A1)
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	<p>QYDSYDVKSGVAVGGLAGYPGPAGPPGPPGPPGTSGHPGSPGSPGYQGPP GEPGQAGPSGPPGPPGAIGPSGPAGKDGESGRPGRPERGLPGPPGIKGA GIPGFPGMKGHRGFDGRNGEKGETGAPGLKGENGLPGENGAPGPMGPRGA PGERGRPGLPGAAGARGNDGARGSDGQPGPPGPPGTAGFPSPGAKGEV PAGSPGSNGAPGQRGEPGPQGHAGAQQPPGPPGINGSPPGGKEMGPAGIP GAPGLMGARGPPGPAGANGAPGLRGGAGEPGKNGAKGEPGPRGERGEAGI PGVPGAKGEDGKDGSPEPGANGLPGAAGERGAPGFRGPAGPNGIPGEKG PAGERGAPGPAGPRGAAGEPGRDGVPGGPMRGMPSGPPGSDGKPGP PGSQGESGRPPGPPSGPRGQPGVMGFPGPKGNDGAPGKNGERGGPPGP GPQGPQGNGETGPQGPPTGPGGDKGDTGPPGPQGLQGLPGTGGPPG ENKPGEPGPKGDAGAPGAGGKGDAGAPGERGPPGLAGAPGLRGGAGPP GPEGGKGAAGPPGPPGAAGTPGLQGMPPERGGLGSPGPKGDKGEPGGPG ADGVPGKDGPRGPTGPIGPPGPAGQPGDKGEGGAPGLPGIAGPRGSPGERG ETGPPGPAGFPAGQNGEPGGKGERGAPGEKGEPPGVAGPPGGSGPA GPPGPQGVKGERGSPGGPGAAGFPGARGLPGPPGSNGNPPGPPSGSPGK DGPPGPAGNTGAPGSPGVSGPKGDAGQPGEKGSPPGAQQPPGAPPLGIAGI TGARGLAGPPGMPGPRGSPGPQGVKGESGKPGANGLSGERGPPGPQGLPG LAGTAGEPGRDGNPGSDGLPGRDGSPPGGKGDRENGSPGAPGAPGHPGPP GPVGPAGKSGDRGESGPAGPAGPAGSRGAPGPQGPGRGDKGETGERG AAGIKGHRGFPGNPGAPGSPGAPQQGAIGSPGAPRGPVGPSPGPPGKDG TSGHPGPIGPPGPRGNRGERGSEGSPGHPGQPGPPGPPGAPGPCCGVGA AAIAGIGGEKAGGFAPYYG</p>
Research Area	Signal Transduction



Source	Mammalian cell
Target Names	COL3A1
Expression Region	154-1221aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	97.1 kDa
Protein Length	Full Length of Mature Protein

Image


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



The purity of COL3A1 was greater than 95% as determined by SEC-HPLC

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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.