

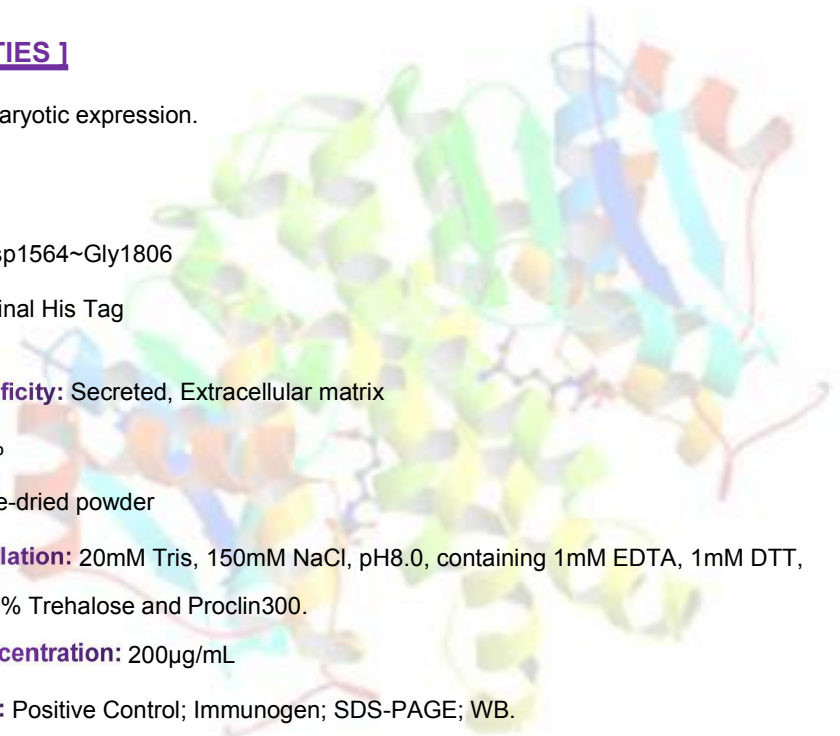
**Recombinant Collagen Type XI Alpha 1 (COL11a1)****Organism Species: Homo sapiens (Human)****Catalog # IC8157 50µg**

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

**[ PROPERTIES ]****Source:** Prokaryotic expression.**Host:** E. coli**Residues:** Asp1564~Gly1806**Tags:** N-terminal His Tag**Tissue Specificity:** Secreted, Extracellular matrix**Purity:** > 95%**Traits:** Freeze-dried powder**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.**Original Concentration:** 200µg/mL**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 4.7**Predicted Molecular Mass:** 31.2kDa**Accurate Molecular Mass:** 32kDa as determined by SDS-PAGE reducing conditions.**[ USAGE ]**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

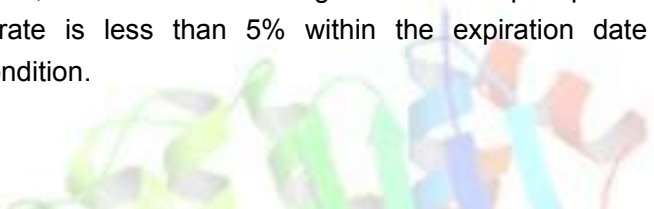
**Storage:** Avoid repeated freeze/thaw cycles.

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.

### [ SEQUENCE ]



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DADDNIL DYSDGMEEIF GSLNSLKQDI EHMKFPMGTQ
TNPARTCKDL QLSHPDFPDG EYWIDPNQGC SGDSFKVYCN FTSGGETCIY
PDKKSEGVRI SSWPKEKPGS WFSEFKRGKL LSYLDVEGNS INMVQMTFLK
LLTASARQNF TYHCHQSAAW YDVSSGSYDK ALRFLGSNDE EMSYDNNPFI
KTLYDGCASR KGYEKTVIEI NTPKIDQVPI VDMINDFGD QNQKFGFEVG
PVCFLG
    
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### [ IDENTIFICATION ]

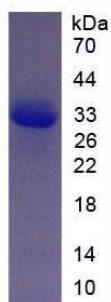
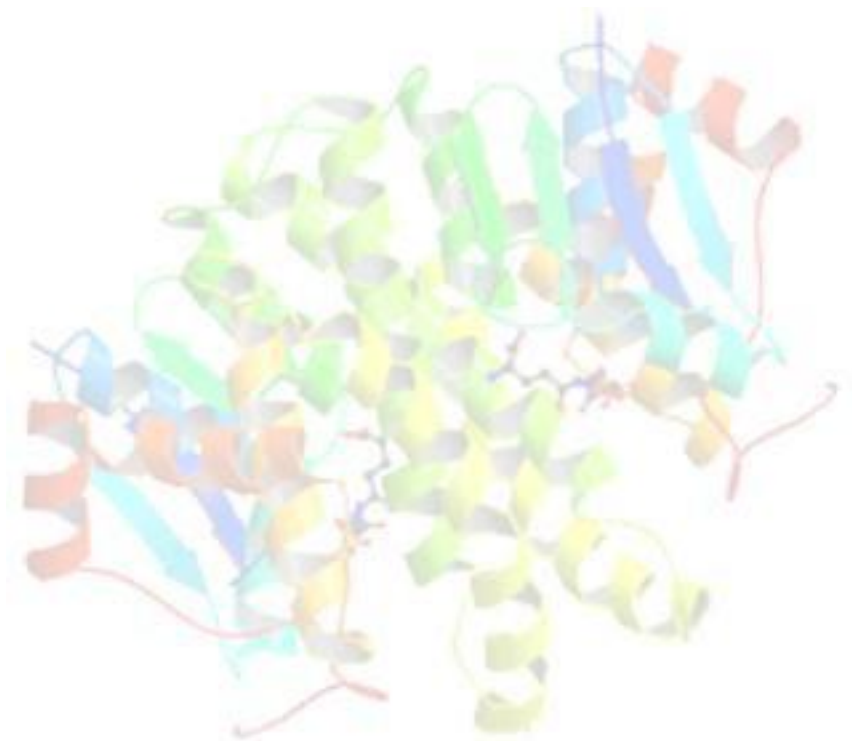


Figure. SDS-PAGE



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