

---

## Product Datasheet

**Recombinant Human Collagen alpha-1(XV)  
chain(COL15A1),partial (Active) (orb1785081)**

**Description**

Recombinant Human Collagen

chain(COL15A1),partial (Active)

**Reactivity**

Human

**Endotoxins**

Less than 1.0 EU/μg as determined by LAL method.

**Preservatives**

Lyophilized from a 0.2 μm filtered PBS, pH 7.4

**Form/Appearance**

Lyophilized powder

**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.

**Tag**

Tag-Free

**Note**

For research use only

**Application notes**

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.

**Protein Sequence**

NYEKPALHLA ALNMPFSGDI  
 RADFQCFKQA RAAGLLSTYR  
 AFLSSHLQDL STIVRKAERY  
 SLPVNLKGQ VLFNNWDSIF  
 SGHGGQFNMH IPIYSFDGRD  
 IMTDPSWPQK VIWHGSSPHG  
 VRLVDNYCEA WRTADTAVTG  
 LASPLSTGKI LDQKAYSCAN  
 RLIVLCIENS FMTDARK

**Purity**

Greater than 96% as determined by SDS-PAGE and HPLC.

**Source**

E.Coli