

## Product Datasheet

### Mouse COL18A1 protein (orb707179)

**Description**

Recombinant Mouse Collagen 18 alpha 1

**Reactivity**

Mouse

**Endotoxins**

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Tested Applications**

ELISA, MS, SDS-PAGE, WB

**Target**

COL18A1

**Preservatives**

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

**Form/Appearance**

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

**Storage**

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Note**

For research use only

**Application notes**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Protein Sequence**

HTHQDFQPVL HLVALNTPLS GGMRGIRGAD  
 FQCFQARAV GLSGTFRAFL SSRLQDLYSI  
 VRRADRGSPV IVNLKDEVLS PSWDSLFSGS  
 QGQLQPGARI FSDGRDVLH HPAWPQKSVW  
 HGSDPSGRRL MESYCETWRT ETTGATGQAS  
 SLLSGRLLEQ KAASCHNSYI VLCIENSFMT  
 SFSKHHHHHH

**Purity**

Greater than 95% as determined by reducing SDS-PAGE.

**Source**

Human cells

**Uniprot ID**
**P39061**
**Entrez**
**12822**
**Expiration Date**

6 months from date of receipt.