

Mouse Collagen Type VI Alpha 1 (COL6A1) Protein

Catalogue No.: abx066012

Recombinant Collagen Type VI Alpha 1 (COL6a1) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target: Collagen Type VI Alpha 1 (COL6A1)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q04857 ([UniProt](#), [ExPASy](#))

KEGG: mmu:12833

String: [10090.ENSMUSP00000001147](#)

Molecular Weight: Calculated MW: 15.8 kDa
Observed MW (SDS-PAGE): 16.0 kDa

Sequence Fragment: Asn82-Phe212

Sequence: NLVWNAGAL HYSDEVEIIR GLTRMPSGRD ELKASVDAVK YFGKGTYTDC AIKKGLEELL
IGGSHLKENK YLIVVTDGHP LEGYKEPCGG LEDAVNEAKH LGIKVFSVAI TPDHLEPRLS
IIATDHTYRR NF

Datasheet

Version: 1.0.0

Revision date: 27 Jun 2025



Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only