

Recombinant Collagen Type IV Alpha 1 (COL4a1)

Catalog No.: TP11072

100µg

Sequence Information

Species: Human

Gene ID:1282

Swiss Prot:P02462

Synonyms:COL4-A1; Arresten; Collagen

Alpha-1(IV)chain

Residues:His1444-Thr1669

HGFLVTRHSQTIDDPQCPSGTKILYHGYSLLYVQGNERAHGQDLGTAGSCLRK
STMPFLFCNINNVCNFASTRNDYSYWLSTPEPMPMSMAPITGENIRPFISRC
EAPAMVMAVHSQTIQIPPCSGWSSLWIGYSFVMHTSAGAEGSGQALASPGSCL
EEFRSAPFIECHGRGTCNYYANAYSFWLATIERSEMFKKPTSTLKAGELRTHV
SRCQVCMRRRT

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted, Extracellular matrix.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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: 6.7

Predicted Molecular Mass: 31.7kDa

Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.