

Recombinant Collagen Type XII (COL12)

Catalog No.: TP08737

50µg

Sequence Information

Species: Human

Gene ID:1303

Swiss Prot:Q99715

Synonyms:COL12-A1; COL12A1L; COL12A1;

Collagen Alpha-1(XII)chain

Residues:Pro2802~Gly3063

PGEQGRQGMKGDAGEPGLPGRGTGTPGLPGPPGPMGPPGDRGFTGKDGAMGPRGP

PGPPGSPGSPGVTGPSGKPGKPGDHGRPGPSGLKGEKDRGDIASQNMRAVAR

QVCEQLISGQMNRFNQMLNQIPNDYQSSRNQPGPPGPPGPPGSAGARGEPPGG

RPGFPGTPGMQGGPGERGLPGEKGERGTGSSGPRGLPGPPGPQGESRTGPPGST

GSRGGPPGPRGNSGIRGPPGPPGYCDSSQCASIPYNGQGYPGSG

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: 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: 10.0

Predicted Molecular Mass: 27.1kDa

Accurate Molecular Mass: 33/70kDa 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.

