

Product datasheet for **SC338148**

COL6A5 (NM_001278298) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	COL6A5 (NM_001278298) Human Untagged Clone
Tag:	Tag Free
Symbol:	COL6A5
Synonyms:	COL29A1; VWA4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278298, the custom clone sequence may differ by one or more nucleotides

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CATAG

Restriction Sites: SgfI-MluI

ACCN: NM_001278298

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001278298.1](#), [NP_001265227.1](#)

RefSeq Size: 9141 bp

RefSeq ORF: 7845 bp

Locus ID: 256076

UniProt ID: [A8TX70](#)

Cytogenetics: 3q22.1

Gene Summary: This gene encodes a member of the collagen superfamily of proteins. The encoded protein contains multiple von Willebrand factor A-like domains and may interact with the alpha 1 and alpha 2 chains of collagen VI to form the complete collagen VI trimer. Polymorphisms in this gene may be linked to dermal phenotypes, such as eczema. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
 Transcript Variant: This variant (1) encodes the longer isoform (1).