



Recombinant Human Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 (PLOD3)

Product Code	CSB-MP018201HU
Relevance	Forms hydroxylysine residues in -Xaa-Lys-Gly- sequences in collagens. These hydroxylysines serve as sites of attachment for carbohydrate units and are essential for the stability of the intermolecular collagen cross-links.
Abbreviation	Recombinant Human PLOD3 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O60568
Storage Buffer	Tris-based buffer?50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	SDRPRGRDPVNPEKLLVITVATAETEGYLRFLRSAEFFNYTVRTLGLGEEWRG GDVARTVGGGQKVRWLKKEMEKYADREDMIIMFVDSYDVILAGSPTTELLKKFV QSGSRLLFSAESFCWPEWGLAEQYPEVGTGKRFLNSGGFIGFATTIHQIVRQ WKYKDDDDDDQLFYTRLYLDPGLREKLSLNLDHKSRIQNLNGALDEVVLKFDR NRVRIRNVAYDTLPVVHNGPTKLQLNYLGNYPNGWTPPEGGCGFCNQDRR TLPGGQPPPRVFLAVFVEQPTPFLPRFLQRLLLLDYPPDRVTLFLHNNEVFHEP HIADSWPQLQDHFSVAVKLVGPEEALSPGEARDMAMDLCRQDPECEFYFSLDA DAVLTLNLQTLRILIEENRKVIAPMLSRHGKLWSNFWGALSPDEYYARSEDYVEL VQRKRVGWVNVPIYSQAYVIRGDTLRMELPQRDVFGSDTDPDMAFCKSFDR KGIFLHLSNQHEFGRLATSRYDTEHLHPDLWQIFDNPVDWKEQYIHENYSRA LEGEGIVEQPCPDVYWFPLLSEQMCDELVAEMEHYQQWSSGRHEDSRLAGG YENVPTVDIHMKQVGIEDQWLQLLRITYVGPMTESLFGYHTKARAVMNFVVR YRPDEQPSLRPHHDSSTFTLNVALNHKGLDYEGGGCRFLRYDCVISSPRKGW ALLHPGRLTHYHEGLPTTWGTRYIMVSFVDP
Research Area	Others
Source	Mammalian cell
Target Names	PLOD3
Protein Names	Lysyl hydroxylase 3 (LH3)
Expression Region	25-738aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at

4°C for up to one week.

Tag Info

N-terminal 10xHis-tagged

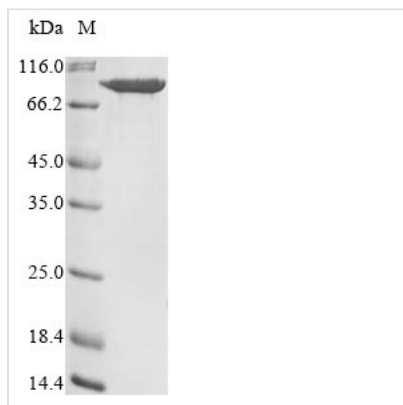
Mol. Weight

85.9 kDa

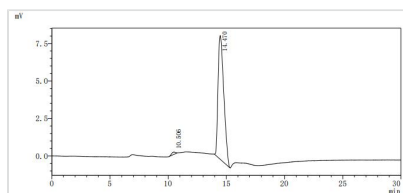
Protein Length

Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



The purity of PLOD3 was greater than 95% as determined by SEC-HPLC

Shelf Life

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