Recombinant Mouse Plod1 Protein, Myc/DDK-tagged

Cat. No. Plod1-4938M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 (cDNA clone MGC:8124 IMAGE:3589182), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	42.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Plod1 procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 [Mus musculus (house mouse)]
Official Symbol	Plod1
Synonyms	Plod1; procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1; LH; Lh1; Plod; AI854890; AV007929; 2410042F05Rik; procollagen-lysine,2-oxoglutarate 5-dioxygenase 1; EC 1.14.11.4
Gene ID	18822
mRNA Refseq	NM_011122
Protein Refseq	NP_035252
UniProt ID	Q9R0E2

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA