

Recombinant Mouse Plod2 Protein, Myc/DDK-tagged

Cat. No. Plod2-4939M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 (Plod2), 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	84.4 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.

GENE INFORMATION

 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 Name	Plod2 procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 [Mus musculus (house mouse)]
Official Symbol	Plod2
Synonyms	PLOD2; procollagen lysine, 2-oxoglutarate 5-dioxygenase 2; procollagen-lysine,2-oxoglutarate 5-dioxygenase 2; lysyl hydroxylase 2; LH2; Plod-2; D530025C14Rik
Gene ID	26432
mRNA Refseq	NM_011961
Protein Refseq	NP_036091
UniProt ID	Q9R0B9

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