

Recombinant Mouse Plod2 protein, His-Myc-tagged

Cat. No. Plod2-2343M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plod2 protein(Q9R0B9)(26-737aa), fused to C-terminal His-Myc tag, was expressed in Insect Cell.
Species	Mouse
Source	Insect Cells
ProteinLength	26-737aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	85.2 kDa
AA Sequence	VAEETPGRIPADKLLVITVATKENDGFHRFMNSAKYFNNTVKVLGGQGEWRGGDGM NSIGGGQKVRLLKEAMEHYASQEDLVILFTECFDVVFAGGPPEEVLKKFQKTNHKIVF AADGLLWPDKRLADKYPVVHIGKRYLNSGGFIGYAPYISRLVQQWNLQDNDQDLF YTKVYIDPLKREAFNITLDHKCKIFQALNGATDEVVLKFENGKSRVKNTFYETLPVAIN GNGPTKILLNYFGNYVPNSWTQENGCDVDTIDLSTVDVPPKVTLGVFIEQPTPFL PRFLNLLLTLDYPKEALQLFIHNKEVYHEKDIFVVDKAKHDISSIKIVGPEENLSQAEA RNMGMDFCRQDEKCDYYFSVDADVLTNPRTLKFLIEQNRKIIAPLVTRHGKLWSNF WGALSPDGYARSEDYVDIVQGNRVGIWNPYMANVYLIQGKTLRSEMNERNYFV RDKLDPDMALCRNARDMGVFMYSNRHEFGRLISTANYNTSHLNNDFWQIFENPVD

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WKEKYINRDYSKIFTENIVEQPCPDVFWFPIFSEACDELVEEMEHYGKWSSGGKHH
 DSRISGGYENVPTDDIHMKGIGLENNVWLHFIREFIAPVTLKVFAGYYTKGFALLNFVV
 KYSPERQSRSLRPHHDASTFTINIALNNVGEDFQGGGCKFLRYNCSIESPRKGWSFM
 HPGRLTHLHEGLPVKNGTRYIAVSFIDP

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name *Plod2* procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 [*Mus musculus*]

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_001142916

Protein Refseq NP_001136388

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