

Product datasheet for TP510368

Plod2 (NM_011961) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 (Plod2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210368 protein sequence Red =Cloning site Green =Tags(s)

MGDRGARPGRMLPMLALLSWAAGLGVAEETPGRIPADKLLVITVATKENDGFHRFMNSAKYFNVTVKVLG
 QGQEWRRGGDMNSIGGGQKVRLLKEAMEHYASQEDLVILFTECFDVFAGGPEEVLKFKQKTNHKIVFAA
 DGLLWPKRLADKYPVWHIGKRYLNSGGFIGYAPYISRLVQQWNLQDNDQDLFYTKVYIDPLKREAFNI
 TLDHKCKIFQALNGATDEVVLKFEENGKSRVKNFTFYETLPVAINGNGPTKILLNYFGNYVPSNSWTQENGCA
 LCDVDTIDLSTVDVPPKVTLGVFIEQPTPFLPRFLNLLTLDYPKEALQLFIHNKEVYHEKDIKVFVDKA
 KHDISSIKIVGPEENLSQAEARNMGMDFCRQDEKCDYYSVDADVLTNPRTLKILIEQNRKIIAPLVTR
 HGKLWSNFWGALSPDGYARSYDVIQGNRVGIWNVPYMANVYLIQGKTLRSEMNERNYFVRDKLDPD
 MALCRNARDMGVFMYSISNRHEFGRLISTANYNTSHLNNDFWQIFENPVDWKEKYINRDYSKIFTENIVEQ
 PCPDVFWFPIFSERACDELVEEMEHYKWSGGKHHDSRISGGYENVPTDDTHMKQIGLENVWLHFIREFI
 APVTLKVFAGYYTKGFALLNFVVKYSPERQSRPHHDASTFTINIALNNVGEDFQGGGCKFLRYNCSIE
 SPRKGWSFMHPGRLTHLHEGLPVKNGTRYIAVSFIDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	84.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_036091
Locus ID:	26432
UniProt ID:	Q9R0B9
RefSeq Size:	3656
Cytogenetics:	9 48.4 cM
RefSeq ORF:	2214
Synonyms:	D530025C14Rik; LH2; Plod-2
Summary:	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.[UniProtKB/Swiss-Prot Function]