



Recombinant Human Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 (PLOD2)

Product Code	CSB-MP018200HU
Abbreviation	Recombinant Human PLOD2 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.	O00469
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Human Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 (PLOD2)
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	ADSEKPSSIPTDKLLVITVATKESDGFHRFMQSAKYFNNTVKVLGQGEWRGG DGINSIGGGQKVRLMKEVMEHYADQDDLVMFTECFDVIFAGGPPEEVLKKFQK ANHKVVFAADGILWPKRLADKYPVVHIGKRYLNSGGFIGYAPYVNRIVQQWN LQDNDDDQLFYTKVYIDPLKREAINITLDHKCKIFQTLNGAVDEVVLKFENGKAR AKNTFYETLPVAINGNGPTKILLNYFGNYVPNSWTQDNGCTLCEFDTVDL SAV DVHPNVSIGVFIEQPTPFLPRFLDILLTLDYPKEALKLFIHNKEVYHEKD IKVFFD KAKHEIKTIKIVGPEENLSQAEARNMGMDFCRQDEKCDYYFSVDADVLTNPR TLKILIEQNRKIIAPLVTRHGKLWSNFWGALSPDGGYARSEDYVDIVQGNRVGV WNVPMANVYLIKGKTLRSEMNERNYFVRDKLDPDMALCRNAREMGVFM YIS NRHEFGRLSTANYNTSHYNNDLWQIFENPVDWKEKYINRDYSKIFTENIVEQP CPDVFWFPIFSEKACDELVEEMEHYGKWSGGKHHDSRISGGYENVPTDDIHM KQVDLENVWLHFIREFIAPVTLKV FAGYYTKGFALLNFVVKYSPERQRSLRPHH DASTFTINIALNNGEDFQGGGCKFLRYNCSIESPRKGWSFMHPGRLTHLHEG LPVKNGTRYIAVSFIDP
Research Area	Cancer
Source	Mammalian cell
Target Names	PLOD2
Expression Region	26-737aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info**

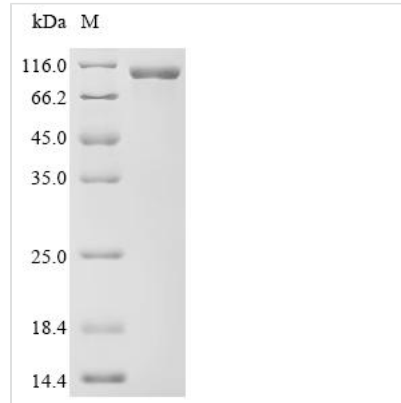
C-terminal 10xHis-tagged

Mol. Weight

83.4 kDa

Protein Length

Full Length of Mature Protein

Image

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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

Shelf Life

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.