

Product datasheet for **TP300853M**

PLPBP (NM_007198) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proline synthetase co-transcribed homolog (bacterial) (PROSC), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200853 protein sequence Red =Cloning site Green =Tags(s)

MWRAGSMSAELGVGCALRAVNERVQQAVARRPRDLPAIQPRLVAVSKTKPADMVEAYGHGQRTFGENYV
QELLEKASNPKILSLCPEIKWHFIGHLQKQNVNKLMAVPNLFMLETVDSVKLADKVNSSWQRKGSPEERLK
VMVQINTSGEESKHGLPPSETIAIVEHINAKCPNLEFVGLMTIGSFGHDLSQGPNPDFQLLLSLREELCK
KLNIPADQVELSMGMSADFQHAVEVGSTNVRIGSTIFGERDYSKKPTPKCAADV KAPLEVAQE H

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	30.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_009129</u>
Locus ID:	11212



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UniProt ID: [O94903](#)

RefSeq Size: 2586

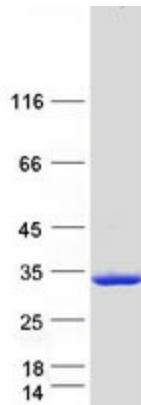
Cytogenetics: 8p11.23

RefSeq ORF: 825

Synonyms: EPVB6D; PROSC

Summary: This gene encodes a pyridoxal 5'-phosphate binding protein involved in the homeostatic regulation of intracellular pyridoxal 5'-phosphate. This gene has a tumor suppressive effect on hepatocellular carcinoma and other solid tumors of epithelial origin. Naturally occurring mutations in this gene are associated with a pyridoxine-dependent epilepsy. [provided by RefSeq, Mar 2017]

Product images:



Coomassie blue staining of purified PLPBP protein (Cat# [TP300853]). The protein was produced from HEK293T cells transfected with PLPBP cDNA clone (Cat# [RC200853]) using MegaTran 2.0 (Cat# [TT210002]).