

Recombinant Full Length Human PLPBP Protein, C-Flag-tagged

Cat. No. PLPBP-2008HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PLPBP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	30.2 kDa
AA Sequence	MWRAGSMSAELGVGCALRAVNERVQQAVARRPRDLPAIQPRLVAVSKTKPADMVI EAYGHGQRTFGENYV QELLEKASNPKILSLCPEIKWHFIGHLQKQNVNKLMAVPNLF MLETVDSVKLADKVNSSWQRKGSPERLK VMVQINTSGEESKHGLPPSETIAIVEHIN AKCPNLEFVGLMTIGSFGHDLSQGPNPDFQLLLSLREELCK KLNIPADQVELSMGM SADFQHAVEVGSTNVRIGSTIFGERDYSKKPTDPKCAADV KAPLEVAQEH TRTRPL EQKLISEEDLAANDILDYKDDDDKV

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

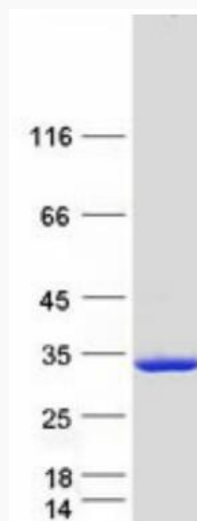
GENE INFORMATION

Gene Name	PLPBP pyridoxal phosphate binding protein [Homo sapiens (human)]
Official Symbol	PLPBP
Synonyms	PROSC; EPVB6D
Gene ID	11212
mRNA Refseq	NM_007198.4
Protein Refseq	NP_009129.1
MIM	604436
UniProt ID	O94903

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Coomassie blue staining of purified PLPBP protein.

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