

Recombinant Human PLPPR1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PLPPR1-187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LPPR1 MS Standard C13 and N15-labeled recombinant protein (NP_997182) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the plasticity-related gene (PRG) family. Members of the PRG family mediate lipid phosphate phosphatase activity in neurons and are known to be involved in neuronal plasticity. The protein encoded by this gene does not perform its function through enzymatic phospholipid degradation. This gene is strongly expressed in brain. It shows dynamic expression regulation during brain development and neuronal excitation. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]
Molecular Mass	35.8 kDa
AA Sequence	MAVGNNTQRSYSIIPCFIFVELVIMAGTVLLAYYFECTDTFQVHIQGFFCQDGDLMKP YPGTEESFITPLVLYCVLAATPTAIIFIGEISMYFIKSTRESLIAQEKTILTGECCYLNPL LRRIRFTGVFAFGLFATDIFVNAGQVVTGHLTPYFLTVCCKPNYTSADCQAHHQFINN GNICTGDLEVIEKARRSFPSKHAALSIYSALYATMYITSTIKTKSSRLAKPVLCLGTLCT AFLTGLNRVSEYRNHCSDVIAGFILGTAVALFLGMCVVHNFKGTQGSPSKPKPEDPR GVPLMAFPRIESPLETLSAQNHASMTTEVTRTRPLEQKLISEEDLAANDILDYKDDD

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	DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

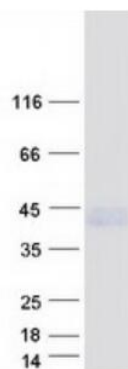
GENE INFORMATION

Gene Name	PLPPR1 phospholipid phosphatase related 1 [Homo sapiens (human)]
Official Symbol	PLPPR1
Synonyms	PLPPR1; phospholipid phosphatase related 1; LPPR1; PRG-3; phospholipid phosphatase-related protein type 1; lipid phosphate phosphatase-related protein type 1; plasticity related gene 3; plasticity-related gene 3 protein
Gene ID	54886
mRNA Refseq	NM_207299
Protein Refseq	NP_997182
UniProt ID	Q8TBJ4

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SDS-PAGE

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