

Recombinant Full Length Rat Lipid Phosphate Phosphatase-Related Protein Type 4(Lppr4) Protein, His-Tagged

Cat. No. RFL2206RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Lipid phosphate phosphatase-related protein type 4(Lppr4) Protein (Q7TMB7) (1-766aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-766)
Form	Lyophilized powder
AA Sequence	MQRAGSSGARGECDISGTGRLRLEQAARLGGRAVHTSPTGGLGARQVAGMSAKE RPKGKV IKDSVTLLPCFYFVELPILASSVVSLYFLELTDVFKPVHSGFSCYDRSLSMP YIEPTQEA IPFLMLLSLAFAGPAITIMVGEGILYCCLSKRRNGAGLEPNINAGGCNFNS FLRRAVRFV GVHVVGLCSTALITDIIQLATGYQAPYFLTVCKPMYTSLEGSCKENSYI VEEICSGSDLT VINNGKKSFPSQHATLAFAAVYVSMYFNSTLTDSSKLLKPLLVTFTI ICGIIICGLTRIT QYKNHPVDVYCGFLIGGGIALYLGLYAVGNFLPSEDSMLQHRDALR SLTDLNQDPSRVLS AKNGSSGDGIAHTEGILNRNHRDASSLTNLKRANADVEIITPR SPMGKESMVTFSNTLPR ANTSPVEDPVRRNASIHASMDSARSKQLLTQWKSKNES RKMSLQVMDSEPEGQSPPRSIE MRSSSEPSRVGVNGDHHVPGNQYLKIQPGTVP GCNNSMPAGPRVSIQSRPGSSQLVHIPE ETQENISTSPKSSSARAKWLKAAEKTVA CNRGNNQPRIMQVIAMSKQQGVQLQSSPKNAEG STVTCTGSIRYKTLTDHEPSGIVR

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VEAHPENNRPIIQIPSSTEGEGSGSWKWKAPEKSSL RQTYELNDLNRDSESCESLK
DSFGSGDRKRKHIDSNEHHHHGITTIRVTPVEGSEIGSET LSVSSSRDSTLRRKGNII
LIPERSNSPENTRNIFYKGTSPTRPYKD

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name Plppr4

Synonyms Plppr4; Lppr4; Php1; Prg1; Phospholipid phosphatase-related protein type 4; Brain-specific phosphatidic acid phosphatase-like protein 1; Lipid phosphate phosphatase-related protein type 4; Plasticity-related gene 1 protein; PRG-1

UniProt ID [Q7TMB7](#)

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