

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

**Cat. No.** RFL19350HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human Lipid phosphate phosphatase-related protein type 4(LPPR4) Protein (Q7Z2D5) (1-763aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Full Length (1-763)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p> MQRAGSSGGRGECDISGAGRLGLEEAARLSCAVHTSPGGGRRPGQAAGMSAKER<br/> PKGKVI KDSVTLLPCFYFVELPILASSVVSLEYFLELTDVFKPVHSGFSCYDRSLSMPIYI<br/> EPTQEAI PFLMLLSLAFAGPAITIMVGEGILYCCLSKRRNGVGLPNINAGGCNFSF<br/> LRRAVRFVG VHVFGLCSTALITDIIQLSTGYQAPYFLTVCKPNYTSNLVSKKENSIV<br/> EDICSGSDLTV INSGRKSFPSQHATLAFAAVYVSMYFNSTLTDSSKLLKPLLVTFTFI<br/> CGIICGLTRITQ YKNHPVDVYCGFLIGGGIALYLGLYAVGNFLPSDESMFQHRDALRS<br/> LTDLNQDPNRLLSA KNGSSSDGIAHTEGILNRNHRDASSLTNLKRANADVEIITPRSP<br/> MGKENMVTFSNTLPRA NTPSVEDPVRNRNASIHASMDSARSKQLLTQWKNKNESRK<br/> LSLQVIEPEPGQSPPRSIEMR SSSEPSRVGVNGDHHGPGNQYLKIQPGAVPGCNN<br/> SMPGGPRVSIQSRPGSSQLVHIPEET QENISTSPKSSSARAKWLKAAEKTVACNRS </p> |

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NSQPRIMQVIAMSKQQGVLQSSPKNTEGST VSCTGSIRYKTLTDHEPSGIVRVEAH  
 PENNRPIIQIPSTEGEGSGSWKWKAPKGLRQT YELNDLNRDSESCESLKDSFGS  
 GDRKRSNIDSNEHHHHGITTIRVTPVEGSEIGSETLSI SSSRDSTLRRKGNILIPERS  
 NSPENTRNIFYKGTSPTRAYKD

**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 multiple 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; KIAA0455; 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** [Q7Z2D5](#)

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