Recombinant Human PHLPP1 protein, GST-tagged

Cat. No. PHLPP1-107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHLPP1 protein(NP_919431)(1068-1204 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1068-1204 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	QQHLLQVPAEASDEGIVISANEDEPGLPRKADFSAVGTIGRRRANGSVAPQERSHN VIEVATDAPLRKPGGYFAAPAQPDPDDQFIIPPELEEEVKEIMKHHQEQQQQQPPP PPQLQPQLPRHYQLDQLPDYYDTP
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage.

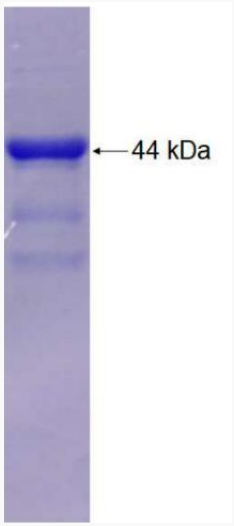
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	Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	PHLPP1 PH domain and leucine rich repeat protein phosphatase 1 [Homo sapiens]
Official Symbol	PHLPP1
Synonyms	PHLPP1; PH domain and leucine rich repeat protein phosphatase 1; PH domain and leucine rich repeat protein phosphatase , PHLPP, pleckstrin homology domain containing, family E (with leucine rich repeats) member 1 , PLEKHE1; PH domain leucine-rich repeat-containing protein phosphatase 1; KIAA0606; SCOP; SCN circadian oscillatory protein; PH domain-containing family E member 1; suprachiasmatic nucleus circadian oscillatory protein; pleckstrin homology domain containing, family E (with leucine rich repeats) member 1; PHLPP; PLEKHE1; MGC161555;
Gene ID	23239
mRNA Refseq	NM_194449
Protein Refseq	NP_919431
MIM	609396

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UniProt ID	O60346
SDS-PAGE	

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