Recombinant Human INPP5E protein, His-tagged

Cat. No. INPP5E-515H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INPP5E protein(NP_063945)(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MPSKAENLRPSEPAPQPPEGRTLQGQLPGAPPAQRAGSPPDAPGSESPALACSTP ATPSGEDPPARAAPIAPRPPARPRLERALSLDDKGWRRRRFRGSQEDLEARNGTS PSRGSVQSEGPGAPAHSCSPPCLSTSLQEIPKSRGVLSSERGSPSSGGNPLSGVAS SSPNLPHRDAAVAGSSPRLPSLLPPRPPPALSLDIASDSLRTANKVDSDLADYKLRA QPLLVRAHSSLGPGRPRSPLACDDCSLRSAKSSFSLLAPIRSKDVRSRSYLEGSLLA SGALLGADELARYFPDRNVALFVATWNMQGQKELPPSLDEFLLPAEADYAQDLYVI GVQEGCSDRREWET
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

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	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	INPP5E inositol polyphosphate-5-phosphatase, 72 kDa [Homo sapiens]
Official Symbol	INPP5E
Synonyms	INPP5E; inositol polyphosphate-5-phosphatase, 72 kDa; JBTS1, Joubert syndrome 1; 72 kDa inositol polyphosphate 5-phosphatase; CORS1; PPI5PIV; phosphatidylinositol 4,5-bisphosphate 5-phosphatase; phosphatidylinositol-4,5-bisphosphate 5-phosphatase; phosphatidylinositol (4,5) bisphosphate 5-phosphatase; phosphatidylinositol polyphosphate 5-phosphatase type IV; CPD4; JBTS1; MORMS; MGC117201;
Gene ID	56623
mRNA Refseq	NM_019892
Protein Refseq	NP_063945
MIM	613037
UniProt ID	Q9NRR6