Human PPA1 Knockdown Cell Lysate

Cat. No. PPA1-395HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PPA1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Studies of a similar protein in bovine suggested a cytoplasmic localization of this enzyme.
Form	Cell-Tissue Lysis buffer
Molecular Mass	33 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PPA1 KD HeLa cell lysate
Protein Families	ES Cell Differentiation/IPS
Protein Pathways	Oxidative phosphorylation
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PPA1 pyrophosphatase (inorganic) 1 [Homo sapiens (human)]
Official Symbol	PPA1
Synonyms	PPA1; pyrophosphatase (inorganic) 1; PP, pyrophosphatase (inorganic); inorganic pyrophosphatase; cytosolic inorganic pyrophosphatase; inorganic pyrophosphatase 1; IOPPP; PP1; Ppase; pyrophosphate phospho hydrolase; SID6 8061; PPase; pyrophosphatase 1; inorganic diphosphatase; diphosphate phosphohydrolase; pyrophosphate phospho-hydrolase; PP; SID6-8061; MGC111556;
Gene ID	5464
mRNA Refseq	NM_021129
Protein Refseq	NP_066952
MIM	179030
UniProt ID	Q15181

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