

Human PREPL Knockdown Cell Lysate

Cat. No. PREPL-402HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PREPL Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene belongs to the prolyl oligopeptidase subfamily of serine peptidases. Mutations in this gene have been associated with hypotonia-cystinuria syndrome, also known as the 2p21 deletion syndrome. Several alternatively spliced transcript variants encoding either the same or different isoforms have been described for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	84 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

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PREPL KD HeLa cell lysate
Protein Families	Druggable Genome, Protease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PREPL prolyl endopeptidase like [Homo sapiens (human)]
Official Symbol	PREPL
Synonyms	PREPL; prolyl endopeptidase like; CMS22; prolyl endopeptidase-like; putative prolyl oligopeptidase; EC 3.4.21.-
Gene ID	9581
mRNA Refseq	NM_001042385
Protein Refseq	NP_001035844
MIM	609557
UniProt ID	Q4J6C6

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