

Human ELP4 Knockdown Cell Lysate

Cat. No. ELP4-155HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ELP4 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a component of the six subunit elongator complex, a histone acetyltransferase complex that associates directly with RNA polymerase II during transcriptional elongation. The human gene can partially complement sensitivity phenotypes of yeast ELP4 deletion mutants. This gene has also been associated with Rolandic epilepsy. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	47 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 ELP4 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	ELP4 elongation protein 4 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	ELP4
Synonyms	ELP4; elongation protein 4 homolog (<i>S. cerevisiae</i>); C11orf19, chromosome 11 open reading frame 19; elongator complex protein 4; PAXNEB; hELP4; PAX6 neighbor gene protein; PAX6NEB; C11orf19; dJ68P15A.1; FLJ20498;
Gene ID	26610
mRNA Refseq	NM_019040
Protein Refseq	NP_061913
MIM	606985
UniProt ID	Q96EB1

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