

Recombinant Human ELP4, His-tagged

Cat. No. ELP4-12425H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELP4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-299a.a.
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. Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only one has been determined.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ELP4 elongation protein 4 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
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Official Symbol	ELP4
Synonyms	ELP4; elongation protein 4 homolog (S. cerevisiae); 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
Chromosome Location	11p13
Function	contributes_to histone acetyltransferase activity; phosphorylase kinase regulator activity; protein binding;