

Recombinant Human elongator acetyltransferase complex subunit 4, His-tagged

Cat. No. ELP4-623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELP4, 1-424aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-424 a.a.
Description	ELP4 is 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. Recombinant human ELP4 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Molecular Mass	49kDa (447aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAVATC GSVAASTGSA VATASKSNVT SFQRRGPRAS VTNDSGPRLV SIAGTRPSVR NGQLLVSTGL PALDQLLGGG LAVGTVLLIE EDKYNISPL LFKYFLAEGI VNGHTLLVAS AKEDPANILQ ELPAPLLDDK CKKEFDEDVY NHKTPESNIK MKIAWRYQLL PKMEIGPVSS

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SRFGHYDAS KRMPQELIEA SNWHGFFLPE KISSTLKVEP CSLTPGYTKL
 LQFIQNIIE EGFDSNPQK KQRNLRIGI QNLGSPLWGD DICCAENGGN
 SHSLTKFLYV LRGLLRTSLS ACIITMPHL IQNKAIARV TTLSDVVVGL
 ESFIGSERET NPLYKDYHGL IHIRQIPRLN NLICDESDVK DLAFKLKRKL
 FTIERLHLPP DLSDTVSRSS KMDLAESAKR LGPGCGMMAG GKKHLDF

Purity >80% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [ELP4 elongation protein 4 homolog \(S. cerevisiae\) \[Homo sapiens \]](#)

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](#)

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UniProt ID	Q96EB1
Chromosome Location	11p13
Function	contributes_to histone acetyltransferase activity; phosphorylase kinase regulator activity; protein binding;

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