

Recombinant Human ELP4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELP4-4560H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELP4 MS Standard C13 and N15-labeled recombinant protein (NP_061913) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	47 kDa
AA Sequence	MAAVATCGSVAASTGSAVATASKSNVTSFQRRGPRASVTNDSGPRLVSIAGTRPSV RNGQLLVSTGLPALDQLLGGGLAVGTVLLIEEDKYNIYSPLLFKYFLAEGIVNGHTLLV ASAKEDPANILQELPAPLLDDKCKKEFDEDVYNHKTPEKNMKIAWRYQLLPKMEIG PVSSSRFGHYDASKRMPQELIEASNWHGFFLPEKISSTLKVEPCSLTPGYTKLLQFI QNIIYEEGFDGSDNPQKKQRNLRIGIQNLGSPLWGDDICCAENGGNSHSLTKFLYVLR GLLRTSLSACIITMPHTLIQNKAIIARVTTLSDVVVGLESFIGSERETNPLYKDYHGLIHI RQIPRLNNLICDESDVKDLAFKLRKLFRTIERLHLPDLSDTVSRSSKMDLAESAARL GPGCGMMAGGKKHLDFTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

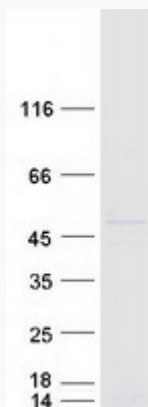
Gene Name	ELP4 elongator acetyltransferase complex subunit 4 [Homo sapiens (human)]
Official Symbol	ELP4
Synonyms	ELP4; elongation protein 4 homolog (S. cerevisiae); C11orf19, chromosome 11 open reading frame 19; elongator complex protein 4; PAXNEB; hELP4; PAX6 neighbor gene protein; PAX6NEB; C11orf19; dJ68P15A.1; FLJ20498;
Gene ID	26610
mRNA Refseq	NM_019040
Protein Refseq	NP_061913
MIM	606985
UniProt ID	Q96EB1

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SDS-PAGE



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