

Recombinant Full Length Human ELP4 Protein, GST-tagged

Cat. No. ELP4-4227HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ELP4 full-length ORF (AAH12514.1, 1 a.a. - 535 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	535 amino acids
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. [provided by RefSeq, Dec 2013]
Molecular Mass	85.1 kDa
AA Sequence	MAAVATCGSVAASTGSAVATASKSNVTSFQRRGPRASVTNDSGPRLVSIAGTRPSV RNGQLLVSTGLPALDQLLGGGLAVGTVLLIEEDKYNIYSPLLFKYFLAEGIVNGHTLLV ASAKEDPANILQELPAPLLDDKCKKEFDEDVYNHKTPESENIKMKIAWRYQLLPKMEIG PVSSSRFGHYDASKRMPQELIEASNWHGFFLPEKISSTLKVEPCSLTPGYTKLLQFI QNIIYEEGFDGSDNPQKKQRNLRIGIQNLGSPLWGDDICCAENGGNSHSLTKFLYVLR GLLRRTSLSACIITMPHTLIQNKAIARVTTLSDVVVGLESFIGSERETNPLYKDYHGLIHI RQIPRLNNLICDESDVKDLAFKLKRKLFTIEAGVQWHDLGSRPRLLGSGGSPASAS

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LVAGITGAHHHAQLIFVFLVEMGFHHVGQAGLELLTSGDSSASASQSAGIAGMSYRA
RPRALYFKENKSKVGARQLLETREEHLSSRLILTQAERLCMGRFFFTAFHIFNELPC
KGDCICLQTCQTQ

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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MIM	606985
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UniProt ID	Q96EB1
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