

**ELP4, 1-424aa, Human, His tag, E.coli**

**Cat.NO.: TP02010**

3th Edition

**Synonyms:**Elongator complex protein 4, C11orf19, dJ68P15A.1, PAX6NEB, PAXNEB

**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 Weight:**49kDa (447aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSM AAVATCGSVAASTGS AVATASKSNVTSFQRRGPRASVTNDSGPRLVSIAG  
TRPSVRNGQLLVSTGLPALDQLLGGGLAVGTVLLIEEDKYNIYSPLL FKYFLAEGIVNGHTLLVASAKEDPANILQELP  
APLLDDKCKKEFDEDVYNHKTPE SNIKMKI AWRYQLLPKMEIGPVSSSRFGHYYDASKRMPQELIEASNWHGFFLP  
EKISSTLKVEPCSLTPGYTKLLQFIQNIIEEGFDG SNPQKKQRN ILRIGIQNLGSPLWGDDICCAENGGNSHSLTKFL  
YVLRGLLRTSLSACIITMPHTLIQNKAI IARVTTLSDVVVGLESFIGSERETNPLYKDYHGLIHIRQIPRLNNLICDESDV  
KDLAFKLKRKLFTIERLHLPDLSDTVSRSSKMDLAESA KRLGPGCGMMAGGKKHLDF

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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