

# Product information

## ELP4, 1-424aa

Human, His-tagged, Recombinant, *E.coli*

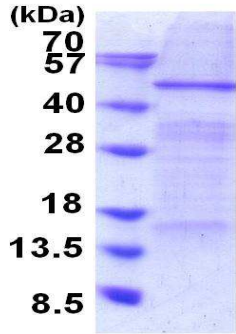
Cat. No. IBATGP2846

**Full name:** Elongator complex protein 4

**NCBI Accession No.:** NP\_061913

**Synonyms:** 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*.

<p><b>Form:</b> Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol</p> <p><b>Molecular Weight:</b> 49kDa (447aa)</p> <p><b>Purity:</b> &gt; 80% by SDS - PAGE</p> <p><b>Concentration:</b> 1 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHH SSGLVPRGSH MGSMAAVATC GSVAASTGSA VATASKSNVT SFQRRGPRAS VTNDGPRLV SIAGTRPSVR NGQLLVSTGL  PALDQLLGGG LAVGTVLLIE EDKYNIIYSP LFKYFLAEGI VNGHTLLVAS AKEDPANILQ ELPAPLLDDK CKKEFDEDVY NHKTPESNIK  MKIAWRYQLL PKMEIGPVSS SRFGHYDAS KRMPQELIEA SNWHGFFLPE KISSTLKVEP CSLTPGYTKL LQFIQNI IYE EGF DGSNPQK  KQRNIIIRIGI QNLGSPLWGD DICCAENGN SHSLTKFLYV LRGLLRISLS ACIITMPTHL IQNKAI IARV TTLSDVVVGL ESFIGSERET  NPLYKDYHGL IHIRQIPRLN NLICDESVDK DLAFKLRKRL FTIERLHLPP DLSDTVSRSS KMDLAESAKR LGPGCGMMAG GKKHLDF</p>	

### General references:

Strug,L.J., *et al.* (2009) *Eur. J. Hum. Genet.* 17 (9), 1171-1181.

Miele,A., *et al.* (2007) *J. Cell. Biochem.* 102 (1), 136-148.

**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.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**