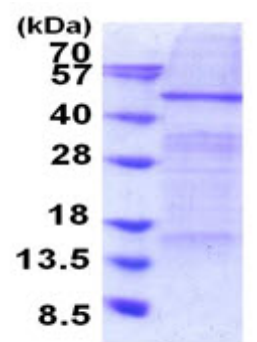


AR51666PU-N

Human ELP4 (1-424, His-tag) - Purified

Alternate names:	C11orf19, Elongator complex protein 4, PAX6 neighbor gene protein, PAXNEB
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q96EB1
NCBI:	NP_061913
GeneID:	26610
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Description:	Recombinant human ELP4 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMAAVATC GSVAASTGSA VATASKSNVT SFQRRGPRAS VTNDSGPRLV SIAGTRPSVR NGQLLVSTGL PALDQLLGGG LAVGTVLLIE EDKYNISPL LFKYFLAEGI VNGHTLLVAS AKEDPANILQ ELPAPLLDDK CKKEFDEDVY NHKTPESNIK MKIAWRYQLL PKMEIGPVSS SRFGHYDAS KRMPQELIEA SNWHGFFLPE KISSTLKVEP CSLTPGYTKL LQFIQNIIEE EGFDSNPQK KQRNLRIGI QNLGSPLWGD DICCAENGGN SHSLTKFLYV LRGLLRSTLS ACIITMPHL IQNKAIIRV TTLSDVVVGL ESFIGSERET NPLYKDYHGL IHIRQIPRLN NLICDESDVK DLAFKLKRKL FTIERLHLP DLSDTVSRSS KMDLAESAKR LGPGCGMMAG GKKHLDF Molecular weight: 49 kDa (447aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	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.

Pictures:



15% SDS-PAGE (3ug)