

Product datasheet for TP319128

ELP4 (NM_019040) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human elongation protein 4 homolog (<i>S. cerevisiae</i>) (ELP4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219128 representing NM_019040 Red =Cloning site Green =Tags(s)

MAAVATCGSVAASTGSAVATASKSNVTSFQRRGPRASVTNDSGPRLVSIAGTRPSVRNGQLLVSTGLPAL
DQLLGGLAVGTVLLIEEDKYNISPLLFKYFLAEGIVNGHTLLVASAKEDPANILQELPAPLLDDKCKK
EFDEDVYNHKTPESENIKMKIAWRYQLLPKMEIGPVSSSRFGHYDASKRMPQELIEASNWHGFFLPEKIS
STLKVEPCSLTPGYTKLLQFIQNIIEEGFDGNSNPQKKQRNLRIGIQNLGSPWGDICCAENGGNSHS
LTKFLYVLRGLLRTSLSACIITMPHTLIQNKAIIARVTTLSDVVWGLESGSERETNPLYKDYHGLIHI
RQIPRLNNLICDESDVKDLAFKLRKLFRTIERLHLPDLSDTVSRSSKMDLAESAKRLGPGCGMMAGGKK
HLDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_061913</u>

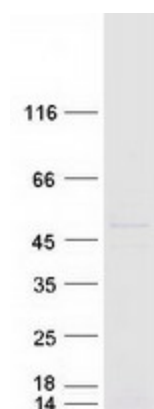


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Locus ID:	26610
UniProt ID:	Q96EB1
RefSeq Size:	2341
Cytogenetics:	11p13
RefSeq ORF:	1272
Synonyms:	AN; AN2; C11orf19; dj68P15A.1; hELP4; PAX6NEB; PAXNEB

Summary: 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]

Product images:



Coomassie blue staining of purified ELP4 protein (Cat# TP319128). The protein was produced from HEK293T cells transfected with ELP4 cDNA clone (Cat# [RC219128]) using MegaTran 2.0 (Cat# [TT210002]).