



Recombinant Human Elongator complex protein 4 (ELP4)

Product Code	CSB-EP853408HU-B
Abbreviation	ELP4
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96EB1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAVATCGSV AASTGSAVAT ASKSNVTSFQ RRGPRASVTN DSGPRLVSIA GTRPSVRNGQ LLVSTGLPAL DQLLGGGLAV GTVLLIEEDK YNIYSPLLFK YFLAEGIVNG HTLLVASAKE DPANILQELP APLLDDKCKK EFDEDVYNHK TPESNIKMKI AWRYQLLPKM EIGPVSSSRF GHYYDASKRM PQELIEASNW HGFFLPEKIS STLVKVEPCSL TPGYTKLLQF IQNIIYEEGF DGSNPQKKQR NILRIGIQNL GSPLWGDDIC CAENGGNSHS LTKFLYVLRG LLRTSLSACI ITMPHTLIQN KAIARVTTL SDVVVGLESF IGSERETNPL YKDYHGLIHI RQIPRLNNLI CDESVDKDLA FKLKRKLFIT ERLHLPDLS DTVSRSSKMD LAESAKRLGP GCGMMAGGKK HLDF
Source	E.coli
Target Names	ELP4
Protein Names	Recommended name: Elongator complex protein 4 Short name= hELP4 Alternative name(s): PAX6 neighbor gene protein
Expression Region	1-424
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only one has been determined.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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