

Elongator complex protein 6 (ELP6), Recombinant Protein

Cat RP02731

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Elongator complex protein 6 (ELP6)

Product Gene Name

ELP6 recombinant protein

Product Synonym Gene Name

ELP6

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MDRSLNLLDL ALGFDEQLAI PSPLNGKVIL IEDCVETSGS FVLHQLMKRV LSSNSSDALI FLAFARPFSH
YDRILRLKGC NLATHKSNNR LVFFDMLMVK CSDGDQMEDN VSAVAKLFRE IQETVRKLQS VTSGNITVMV
DDMSLLEIAT TGSNSDHVLD FLHYCHTLSS ESNCSLVILN HEDIYASMER PAFLQMVCL ADVVIKAEPL
ASGLANDVHG QLTVLNKGIS NSGRGSSRNK LQNFQFRIKE NGIDYFYPGC RS

Sequence Positions

1-262, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

29,125 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Elongator complex protein

NCBI Accession

NP_567351.1

NCBI GI

18413296

NCBI GenBank Nucleotide

NM_117077.4

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Elongator complex protein 6 (ELP6), Recombinant Protein

Cat *RP02731*

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

826600 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

elongator protein 6

NCBI Official Symbol

ELP6

NCBI Official Synonym Symbols

elongator protein 6; F28M11.10; F28M11_10

NCBI Protein Information

elongator protein 6

UniProt Gene Name

ELP6

UniProt Synonym Gene Names

AtELP6

UniProt Protein Name

Elongator complex protein 6

UniProt Synonym Protein Names

Elongator component 6; UPF0405 protein ELP6

UniProt Primary Accession

Q8L9Y2

UniProt Secondary Accession

Q9SN32; C0Z343

UniProt Related Accession

Q8L9Y2

UniProt Comments

Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4 . Promotes organs development by modulating cell division rate. Involved in oxidative stress signaling. Prevents anthocyanins accumulation.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY