

ELP5, 1-316aa, Human, His tag, E.coli

Cat.NO.: TP02011

3th Edition

Synonyms:Elongator acetyltransferase complex subunit 5, C17orf81, DERP6, HSPC002, MST071, MSTP071

Description:Elongator acetyltransferase complex subunit 5, also known as ELP5, 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. This protein is involved in cell migration. Recombinant human ELP5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:37.2 kDa (339aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMTPSEGARAGTGRELEMLDSELLALGGLVLLRDSVEWEGRSLLKALVKKSAL
CGEQVHILGCEVSEEEFREGFSDINNRLVYHDFFRDPLNWSKTEEAFFGGPLGALRAMCKRTDPVPVTIALDSLS
WLLLRLPCTTLCQVLHAVSHQDSCPGDSSSVGKVSVLGLLHEELHGPGPVGALSSLAQTEVTLGGTMGQASAHILC
RRPRQRPTDQTQWFSILPDFSLDLQEGPSVESQPYSDPHIPPVDPTTHLTFNLHLSKKEREARDSLILPFQFSSEKQ
QALLRPRPGQATSHIFYEPDAYDDLDQEDPDDDLDI

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.