

**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:**

MGSSHHHHHHSSGLVPRGSHMGSMTPSEGARAGTGRELEMLDSLLALGGLVLLRDSVEWEGRSLLKALVKKSAL  
CGEQVHILGCEVSEEEFREGFSDINNRLVYHDFRDPLNWSKTEEAFFGGPLGALRAMCKRTDPVPVTIALDSLS  
WLLLRLPCTTLCQVLHAVSHQDSCPGDSSSVGKVSVLGLLHEELHGPGPGVGALSSLAQTEVTLGGTMGQASAHILC  
RRPRQRPTDQTQWFSILPDFSLDLQEGPSVESQPYSDPHIPVDPTTHLTFNLHLSKKEREARDSLILPFQFSSEKQ  
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.