

## Recombinant Human ELP5, His-tagged

Cat. No. ELP5-15918H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ELP5 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-316aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
<b>Molecular Mass</b>	37.2 kDa (339aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMTPSEGA RAGTGRELEM LDSLLALGGL VLLRDSVEWE GRSLKALVK KSALCGEQVH ILGCEVSEEE FREGFDSDIN NRLVYHDFFR DPLNWSKTEE AFGGGLGAL RAMCKRTDPV PVTIALDSLS WLLLRLPCTT LCQVLHAVSH QDSCPGDSSS VGKVSVLGGL HEELHGPGPV

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GALSSLAQTE VTLGGTMGQA SAHILCRRPR QRPTDQTQWF SILPDFSLDL  
 QEGPSVESQP YSDPHIPPVD PTTHLTFNLH LSKKEREARD SLILPFQFSS  
 EKQQALLRPR PGQATSHIFY EPDAYDDLDQ EDPDDDLDI

**Purity** >80% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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

## GENE INFORMATION

**Gene Name** [ELP5 elongator acetyltransferase complex subunit 5 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** ELP5

**Synonyms** ELP5; elongator acetyltransferase complex subunit 5; DERP6; MST071; HSPC002; MSTP071; C17orf81; S-phase 2 protein; dermal papilla derived protein 6; dermal papilla-derived protein 6

**Gene ID** [23587](#)

**mRNA Refseq** [NM\\_015362](#)

**Protein Refseq** [NP\\_056177](#)

**MIM** [615019](#)

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<b>UniProt ID</b>	Q8TE02
<b>Chromosome Location</b>	17p13.1
<b>Function</b>	protein binding

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