

Recombinant Human ELP5, His-tagged

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

SPECIFICATION

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

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GALSSLAQTE VTLGGTMGQA SAHILCRRPR QRPTDQTQWF SILPDFSLDL
QEGPSVESQP YSDPHIPPVD PTTHLTFNLH LSKKEREARD SLILPFQFSS
EKQQALLRPR PGQATSHIFY EPDAYDDLQ 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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UniProt ID	Q8TE02
Chromosome Location	17p13.1
Function	protein binding

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