

Product information



ELP5, 1-316aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2274

Full name: Elongator acetyltransferase complex subunit 5

NCBI Accession No.: NP_056177

Synonyms: C17orf81, DERP6, HSPC002, MST071, MSTP071

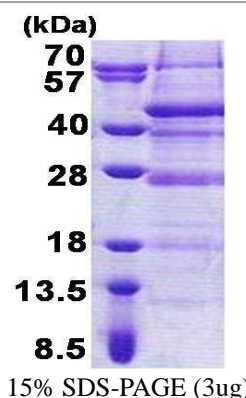
Description: Elongator acetyltransferase complex subunit 5, also known as ELP5, acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role 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

Purity: > 80% by SDS - PAGE

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



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMTPSEGA RAGTGRELEM LDSLLALGGL VLLRDSVEWE GRSLLKALVK KSALCGEQVH ILGCEVSEEE
FREGFDSIDN NRLVYHDFFR DPLNWSKTEE AFPGGPLGAL RAMCKRTDPV PVTIALDSLS WLLRLPCTT LCQVLHAVSH QDSCPGDSSS
VGKVSVLGLL HEELHGPGPV GALSSLAQTE VTLGGTMGQA SAHILCRPRR QRPTDQTQWF SILPDFSLDL QEGPSVESQP YSDPHIPPVD
PTTHLTFNLH LSKKEREARD SLILPFQFSS EKQALLRPR PGQATSHIFY EPDAYDDLQ EDPDDDDLI

General references:

Yuan J., et al. (2006) *Mol. Biol. Rep.* 33:151-158

Zhang Q.-H., et al. (2000) *Genome Res.* 10:1546-1560

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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