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ELP5 Human

Elongator Acetyltransferase Complex Subunit 5 Human Recombinant RCP0753

Product Overview

Name	ELP5 Human

Description

Elongator Acetyltransferase Complex Subunit 5 Human Recombinant

Accession (Primary)	Q8TE02

Synonyms

C17orf81, DERP6, HSPC002, MST071, MSTP071, Dermal papilla-derived protein 6, S-phase 2 protein, ELP5.

Introduction

Elongator acetyltransferase complex subunit 5 (ELP5) is a member of the ELP5 family. ELP5 functions 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 participated in transcriptional elongation. Elongator plays a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. ELP5 takes part in cell migration and is widely expressed in in heart, brain, liver, skeletal muscle and testis.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

ELP5 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MTPSEGA RAGTGRELEM LDSLLALGGL VLLRDSVEWE GRSLLKALVK KSALCGEQVH ILGCEVSEEE FREGFDSDIN NRLVYHDFFR DPLNWSKTEE AFPGGPLGAL RAMCKRTDPV PVTIALDSLS WLLLRLPCTT LCQVLHAVSH QDSCPGDSSS VGKVSVLGLL HEELHGPGPV GALSSLAQTE VTLGGTMGQA SAHILCRRPR QRPTDQTQWF SILPDFSLDL QEGPSVESQP YSDPHIPPVD PTTHLTFNLH

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LSKKEREARD SLILPFQFSS EKQQALLRPR PGQATSHIFY EPDAYDDLDQ EDPDDDLDI.

Precautions

ELP5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8TE02)