

Recombinant Human ELP3, GST-tagged

Cat. No. ELP3-12424H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ELP3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-356a.a.
Description	ELP3 is the catalytic subunit of the histone acetyltransferase elongator complex, which contributes to transcript elongation and also regulates the maturation of projection neurons (Creppe et al., 2009 [PubMed 19185337]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ELP3 elongation protein 3 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	ELP3

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Synonyms	ELP3; elongation protein 3 homolog (S. cerevisiae); elongator complex protein 3; FLJ10422; KAT9; hELP3;
Gene ID	55140
mRNA Refseq	NM_018091
Protein Refseq	NP_060561
MIM	612722
UniProt ID	Q9H9T3
Chromosome Location	8p21.1
Function	contributes_to DNA binding; histone acetyltransferase activity; iron-sulfur cluster binding; metal ion binding; phosphorylase kinase regulator activity; protein binding; transferase activity, transferring acyl groups;

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