Elongator Complex Protein 2 (ELP2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongator complex protein 2 (ELP2), Recombinant Protein
Full Product Name	Recombinant Human Elongator complex protein 2 (ELP2) , partial
Product Gene Name	ELP2 recombinant protein
Product Synonym Gene Name	ELP2
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	84,688 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	616054
3D Structure	ModBase 3D Structure for Q6IA86
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ELP2 recombinant protein	MBS1337861 is a recombinant protein targeting ELP2. Also known as Recombinant Human Elongator complex protein 2 (ELP2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ELP2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ELP2. It may not necessarily be applicable to this product.

NCBI GI #	338968885
NCBI GeneID	55250
NCBI Accession #	NP_001229804.1
UniProt Primary Accession #	Q6IA86
UniProt Secondary Accession #	Q53GZ0; Q687Y8; Q8N5C2; Q96GV4; Q96PI7; Q9H9N0; A8KAI6; B4DTG0; B4DXP0; E7EP23; E9PCX0
UniProt Related Accession #	Q6IA86
GenBank Nucleotide #	NM_001242875.2
NCBI Official Full Name	elongator complex protein 2 isoform 1

NCBI Official Synonym Full Names	elongator acetyltransferase complex subunit 2
NCBI Official Symbol	ELP2
NCBI Official Synonym Symbols	StIP; MRT58; SHINC-2; STATIP1
UniProt Protein Name	Elongator complex protein 2
UniProt Synonym Protein Names	SHINC-2; STAT3-interacting protein 1; StIP1
Protein Family	Elongator complex protein
UniProt Gene Name	ELP2
UniProt Synonym Gene Names	STATIP1; ELP2; StIP1
NCBI Protein Information	elongator complex protein 2
NCBI Summary for ELP2	The protein encoded by this gene is a core subunit of the elongator complex, a histone acetyltransferase complex that associates with RNA polymerase II. In addition to histone acetylation, the encoded protein effects transcriptional elongation and may help remodel chromatin. [provided by RefSeq, May 2016]
UniProt Comments for ELP2	Regulates the ligand-dependent activation of STAT3.
Research Articles on ELP2	**1.** ELP2 mutation is implicated in severe intellectual disability, spastic diplegia, and self-injurious behavior described in two brothers.
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