Recombinant human ELP4 protein

Catalog Number: ATGP2846

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-424aa

UniProt No.
Q96EB1

NCBI Accession No.
NP_061913

Alternative Names
Elongator complex protein 4, C11orf19, dJ68P15A.1, PAX6NEB, PAXNEB

PRODUCT SPECIFICATION

Molecular Weight
49 kDa (447aa)

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity
> 80% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE,Denatured

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
ELP4 is a component of the six subunit elongator complex, a histone acetyltransferase complex that associates directly with RNA polymerase II during transcriptional elongation. The human gene can partially complement sensitivity phenotypes of yeast ELP4 deletion mutants. Alternatively spliced variants that encode different protein isoforms have been described but the full-length nature of only one has been determined. Recombinant human ELP4 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Recombinant human ELP4 protein

Catalog Number: ATGP2846

Amino acid Sequence

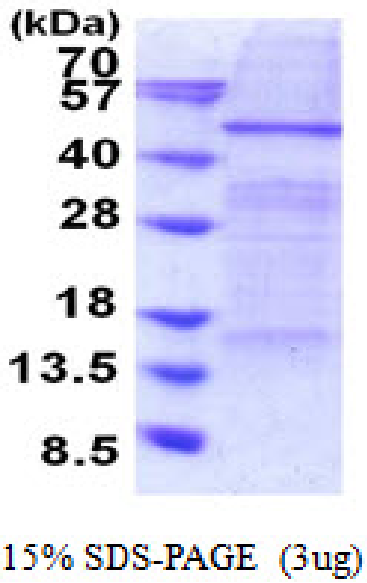
MGSSHHHHHH SSGLVPRGSH MGSMAAVATC GSVAASTGSA VATASKSNVT SFQRRGPRAS VTNDSGPRLV SIAGTRPSVR NGQLLVSTGL PALDQLLGGG LAVGTVLLIE EDKYNIYSPL LFKYFLAEGI VNGHTLLVAS AKEDPANILQ ELPAPLLDDK CKKEFDEDVY NHKTPESNIK MKIAWRYQLL PKMEIGPVSS SRFGHYYDAS KRMPQELIEA SNWHGFFLPE KISSTLKVEP CSLTPGYTKL LQFIQNIIYE EGFDGSNPQK KQRNILRIGI QNLGSPLWGD DICCAENGGN SHSLTKFLYV LRGLLRTSLS ACIITMPTHL IQNKAIIARV TTLSDVVVGL ESFIGSERET NPLYKDYHGL IHIRQIPRLN NLICDESDVK DLAFKLKRKL FTIERLHLPP DLSDTVSRSS KMDLAESAKR LGPGCGMMAG GKKHLDF

General References

Strug,L.J., et al. (2009) Eur. J. Hum. Genet. 17 (9), 1171-1181.
Miele,A., et al. (2007) J. Cell. Biochem. 102 (1), 136-148.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.