

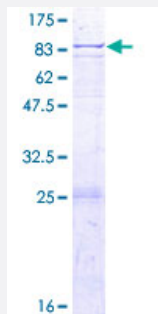
Full-Length

ELP3 (Human) Recombinant Protein (P01)

Catalog # H00055140-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ELP3 full-length ORF (NP_060561.3, 1 a.a. - 547 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRQKRKGDLSPAELMMLTIGDVIKQLIEAHEQGKDIDLNKVTKTAAKYGLSAQPRLVDIAAVPPQ
YRKVLMPKLKAKPIRTASGIAVVAVMCKPHRCPHISFTGNICVYCPGGPDSDFEYSTQSYTGYEPT
SMRAIRARYDPFLQTRHRIQLKQLGHSVDKVEFVMGGTFMALPEEYRDYFIRNLHDALSGHTSN
NIYEAVKYSERSLTKCIGITETRPDYCMKRHLSDMLTYGCTRLEIGVQSVYEDVARDTNRGHTVKAV
CESFHLAKDSGFKVVAHMMPDLPNVGLERDIEQFTEFFENPAFRPDGLKLYPTLVIRGTGLYELW
KSGRYKSYSPDLVELVARILALVPPWTRVYRVQRDIPMLVSSGVEHGNLRELALARMKDLGIQ
CRDVRTREVGIQEIIHKVRPYQVELVRRDYVANGGWETFLSYEDPDQDILIGLLRLRKCEETFRF
ELGGGVSMRELHVYGSVVPVSSRDPTKFQHQGFGMLLMEEAERIAAREEHGSGKIAVISGVGTRN
YYRKIGYRLQGPYMKMLK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ELP3

Entrez GeneID[55140](#)**GeneBank Accession#**[NM_018091.3](#)**Protein Accession#**[NP_060561.3](#)**Gene Name**

ELP3

Gene Alias

FLJ10422, KAT9

Gene Description

elongation protein 3 homolog (S. cerevisiae)

Gene Ontology[Hyperlink](#)**Gene Summary**

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]).[supplied by OMIM]

Other Designations

elongation protein 3 homolog

Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)