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**Product Data Sheet**


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Product Name: ELP4 Human  
 Cat. No.: GP23396  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Elongator complex protein 4; ELP4; Elongator Acetyltransferase Complex Subunit 4; hELP4; PAX6 neighbor gene protein; C11orf19; PAXNEB; dj68P15A.1; PAX6NEB.		
Amino Acid Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMAAVATC GSVAASTGSA VATASKSNVT          SFQRRGPRAS VTNDSGPRLV SIAGTRPSVR NGQLLVSTGL PALDQLLGGG          LAVGTVLLIE EDKYNIIYSPL LFKYFLAEGI VNGHTLLVAS AKEDPANILQ          ELPAPLLDDK CKKEFDEDVY NHKTPESNIK MKIAWRYQLL PKMEIGPVSS          SRFGHYDAS KRMPQELIEA SNWHGFFLPE KISSTLKVEP CSLTPGYTKL          LQFIQNIIE EGF DGSNPQK KQRNILRIGI QNLGSPLWGD DICCAENGGN          SHSLTKFLYV LRGLLRTSLS ACIITMPHL IQNKAIARV TTLSDVVVGL          ESFIGSERET NPLYKDYHGL IHIRQIPRLN NLICDESDVK DLAFKLRKRL          FTIERLHLPP DLSDTVSRSS KMDLAESAKR LGPGCGMMAG GKKHLDF.</p>		
Formulation	ELP4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.		

**Introduction**

ElongatorAcetyltransferase Complex Subunit 4, also known as ELP4 is a protein coding gene which is a subunit of the RNA polymerase II elongator complex. ELP4 complements phenotypes of yeast ELP4 deletion mutants and is related to Rolandic epilepsy.

**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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

ELP4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 447 amino acids (1-424 a.a.) and having a molecular mass of 49kDa.ELP4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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