

Recombinant Full Length Human ELP1 Protein, C-Flag-tagged

Cat. No. ELP1-406HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ELP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a scaffold protein and a regulator for three different kinases involved in proinflammatory signaling. The encoded protein can bind NF-kappa-B-inducing kinase and I-kappa-B kinases through separate domains and assemble them into an active kinase complex. Mutations in this gene have been associated with familial dysautonomia. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	150.1 kDa
AA Sequence	MRNLKLFRTLEFRDIQGPGNPQCFSRLRTEQGTVLIGSEHGLIEVDPVSREVKNEVSL VAEGFLPEDGSGR IVGVQDLLDQESVCVATASGDVILCSLSTQQLECVGSGVASGISV MSWSPDQELVLLATGQQTLIMMTKDF EPILEQQIHQDDFGESKFITVGWGRKETQF HGSEGRQA AFQM QMHESALPWDDHRPQVTWRGDGQFFAVS VVCPETGARKVRV WNREFALQSTSEPVAGLGPALAWKPSGSLIASTQDKPNQQDIVFFEKNGLLHGHFT L PFLKDEVK VNDLLWNADSSVLAVWLEDLQREESSIPKTCVQLWTVGN YHWY LKQ SLSFSTCGKSKIVSLM WDPVTPYRLHVL CQGW HYLAYDWHWT TDRSVGDNSSL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SNVAVIDGNRVLTVFRQTVVPPPMCTYQLLF PHPVNQVTFLAHPQKSNDLAVLDA
 SNQISVYKCGDCPSADPTVKLGAVGGSGFKVCLRTPHLEKRYKIQF ENNEDQDVNP
 LKLGLLTWIEEDVFLAVSHSEFSPRSVIHHLTAASSEMDEEHGQLNVSSSAVDGVII
 SL CCNSKTKSVVLQLADGQIFKYLWESPSLAIKPWKNSGGFPVRFYPYCTQTELAMI
 GEEECVLGLTDRCRF FINDIEVASNITSFAVYDEFLLLTTHSHTCQCFCRLDASFCTL
 QAGLSSNHVSHGEVLRKVERGSRIVTV VPQDTKLVLQMPRGNLEVHHRALVLAQI
 RKWLDKLMFKEAFECMRKLRINLNLIYDHNPKVFLGNVETF IKQIDSVNHINLFFTELK
 EEDVTKTMYPAPVTSSVYLSRDPDGNKIDLVCDAMRAVMESINPHKYCLSIL TSHVK
 KTTPELEIVLQKVHELQGNAPSDPDVSAEEALKYLLHLVDVNELYDHSLGTYDFDLV
 LMVAEKS QKDPKEYLPFLNTLKKMETNYQRFTIDKYLKRYEKAIGHLSKCGPEYFPE
 CLNLIKDKNLYNEALKLYSP SSQQYQDISIAYGEHLMQEHMYEPAGLMFARCGAHE
 KALSAFLTTCGNWKQALCVAAQLNFTKDQLVGLGR TLAGKLVEQRKHIDAAMVLEEC
 AQDYEEAVLLLLLEGAAWEEALRLVYKYNRLDIETNVKPSILEAQKNY MAFLDSQTAT
 FSRHKKRLLVVRELKEQAQQAGLDDEVPHGQESDLFSETSSVSGSEMSGKYSHS
 NSRIS ARSSKNRRKAERKKHSLKEGSPLEDLALLEALSEVVQNTENLKDEVYHILKV
 LFLFEFDEQGRELQKAFE DTLQLMERSLPEIWTLYQQNSATPVLGPNSTANSIMAS
 YQQQKTSVPVLDALFIPPKINRRTQWKLSL
 LDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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Protein Families	Druggable Genome
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Full Length	Full L.
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GENE INFORMATION

Gene Name	ELP1 elongator acetyltransferase complex subunit 1 [Homo sapiens (human)]
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Official Symbol	ELP1
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Synonyms	FD; DYS; IKAP; IKI3; TOT1; IKBKAP
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Gene ID	8518
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mRNA Refseq	NM_003640.5
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Protein Refseq	NP_003631.2
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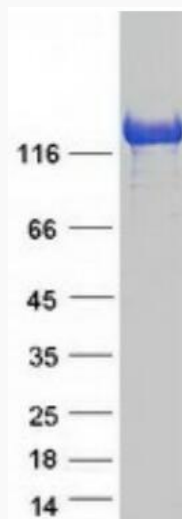
MIM	603722
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UniProt ID	O95163
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Coomassie blue staining of purified ELP1 protein.

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