

Recombinant Human ELP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELP1-2644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IKBKAP MS Standard C13 and N15-labeled recombinant protein (NP_003631) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	150.1 kDa
AA Sequence	MRNLKLFRTLEFRDIQGPGNPQCFSRLTEQGTVLIGSEHGLIEVDPVSREVKNEVSL VAEGFLPEDGSGRIVGVQDLLDQESVCVATASGDVILCSLSTQQLECVGSVASGISV MSWSPDQELVLLATGQQTLIMMTKDFEPILEQQIHQDDFGESKFITVGWGRKETQF HGSEGRQAQAFQMQMHEALPWDDHRPQVTWRGDGQFFAVSVVCPETGARKVRV WNREFALQSTSEPVAGLGPALAWKPSGSLIASTQDKPNQQDIVFFEKNGLLHGHFT LPFLKDEVKVNLLWNADSSVLAVWLEDLQREESSIPKTCVQLWTVGNYHWYLKQS LSFSTCGKSKIVSLMWDPTPYRLHVLVCQGWHYLAYDWHWTDRSVGDNSSDLSN

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VAVIDGNRVLVTVFRQTVVPPPMCTYQLLFHPVNQVTFLAHPQKSNDLAVLDASN
 QISVYKCGDCPSADPTVKLGAVGGSGFKVCLRTPHLEKRYKIQFENNEDQDVNPLK
 LGLLTWIEEDVFLAVSHSEFSPRSVIHHLTAASSEMDEEHGQLNVSSSAAVDGVIIISL
 CCNSKTKSVVLQLADGQIFKYLWESPSLAIKPWKNSGGFPVRFPYPCTQTELAMIGE
 EECVLGLTDRCRFFINDIEVASNITSFAVYDEFLLLTTHSHTCQCFCCLRDASFCTLQA
 GLSSNHVSHGEVLRKVERGSRIVTVVPQDTKLVLQMPRGNLEVHHRALVLAQIRK
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 DVTKTMYPPAPVTSSVYLSRDPDGNKIDLVCAMRAVMESINPHKYCLSILTSHVKKT
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 MVAEKSQKDPKEYLPFLNTLKKMETNYQRFTIDKYLKRYEKAIGHLSKCGPEYFPEC
 LNLIKDKNLYNEALKLYSPSSQQYQDISIAYGEHLMQEHMYEPAGLMFARCGAHEKA
 LSAFLTGCNWKQALCVAAQLNFTKDQLVGLGRTLAKGLVEQRKHIDAAMVLEECAQ
 DYEEAVLLLLLEGAAWEEALRLVYKYNRLDIIETNVKPSILEAQKNYMAFLDSQTATFS
 RHKKRLLVVRELKEQAQQAGLDDEVPHGQESDLFSETSSVSGSEMSGKYSHSNS
 RISARSSKNRRKAERKKHSLKEGSPLEDLALLEALSEVVQNTENLKDEVYHILKVLFL
 FEFDEQGRELQKAFEDTLQLMERSLPEIWTLYQQNSATPVLGPNSTANSIMASYQ
 QQKTSVPVLDAELFIPPKINRRTQWKLSLLDTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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GENE INFORMATION

Gene Name ELP1 elongator acetyltransferase complex subunit 1 [Homo sapiens (human)]

Official Symbol ELP1

Synonyms IKBKAP; inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein; DYS, dysautonomia (Riley Day syndrome, hereditary sensory autonomic neuropathy type III); elongator complex protein 1; ELP1; IKAP; IKI3; TOT1; p150; IKK complex-associated protein; ikappaB kinase complex-associated protein; FD; DYS; FLJ12497; DKFZp781H1425;

Gene ID 8518

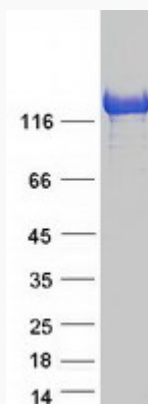
mRNA Refseq NM_003640

Protein Refseq NP_003631

MIM 603722

UniProt ID O95163

SDS-PAGE



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