

Product datasheet for TP323647L

ULK4 (NM_017886) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human unc-51-like kinase 4 (C. elegans) (ULK4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223647 representing NM_017886 Red=Cloning site Green=Tags(s)

MENFILYEEIGRGSKTVVYKGRRKGTINFAVAILCTDKCKRPEITNWWRLTREIKHKNIIVTFHEWYETSNH
LWLVELCTGGSLKTVIAQDENLPEDVVREFGIDLISGLHHLHKLGLFCDISPRKILLEGPGTLKFSNF
CLAKVEGENLEEFFALVAAEEGGDNGENVLKKSMKSRVKGSPVYTAPEVVRGADFSISSDLWSLGLCLY
EMFSGKPPFFSESISELTKILCEDPLPIPKDSSRPKASSDFINLLDGLLQDRDPQKRLTWTRLLQHSFW
KKAFAGADQESSVEDLSLSRNTMECSGPQDSKELLQNSQSRQAKGHKSGQPLGHSFRLENPTEFRPKSTL
EGQLNESMFLSSRPTPRTSTAVEVSPGEDMTHCSPQKTSPLTKITSGHLSQQDLESQMRELIYTDSDLV
VTPIIDNPKIMKQPPVKFDAKILHLPTYSVDKLLFLKDQDWNDFLQVCSQIDSTEKSMGASRAKLNLLC
YLCVWAGHQEVATRLLHSPFLQLLIQHLRIAPNWDIRAKVAHVIGLLASHTAELQENTPVVEAIVLLTEL
IRENFRNSKLLKQCLLPTLGELIYLVATQEEKKNPRECVAVPLAAYTVLMRCLREGEERVVNHMAAKIIE
NVCTTFAQSQGFITGEIGPILWYLFHSTADSLRITAVSALCRITRHSPTAFQNVIEKVGLNSVINSLA
SAICKVQQYMLTLFAAMLSCGIHLQRLIQEKGFVSTIIRLLDSPSTCIRAKAFLVLLYILIYNREMLLS
CQARLVMYIERDSRKTTPGKEQQSGNEYLSKCLDLLICHIVQELPRILGDILNSLANVSGRKHSTVQVK
QLKLCLPLMPVVLHLVTSQVFRPQVVTTEFLFSYGTILSHIKSVDSGETNIDGAIGLTASEEFIKITLSA
FEAIIQYPILLKDYRSTVVDYILPPLVSLVQSQNVWRLFSLRLLSETTSLLVNQEFQDGDGKEKASVSDSDS
NLLALIRDVLLPQYEHILLEPDPVPAYALKLLVAMTEHNPTFTRLVEESKLIPLIFEVTLQESILGNT
MQSVIALLSNLVACKDSNMELLYEQGLVSHICNLLTETATLCLDVDNKNNNEMAAPLLFSLLDILHSMLT
YTSQVIRLALQAQKSGSGEDPQAAEDLLLLNRPLTDLISLLIPLLPNEDPEIFDVSSKCLSILVQLYGGE
NPDSLSPENVEIFAHLLTSKEDPKEQKLLLRILRRMITSNEKHLESKLNAGSLLRALERLAPGSGSFADS
AVAPLALAILQAVGH

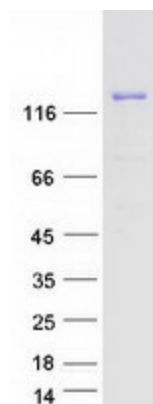
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	142.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060356
Locus ID:	54986
UniProt ID:	Q96C45
RefSeq Size:	4425
Cytogenetics:	3p22.1
RefSeq ORF:	3825
Synonyms:	FAM7C1; REC01035
Summary:	<p>This gene encodes a member of the unc-51-like serine/threonine kinase (STK) family. Members of this protein family play a role in neuronal growth and endocytosis. The encoded protein is likely involved in neurite branching, neurite elongation and neuronal migration. Genome-wide association studies (GWAS) indicate an association of variations in this gene with blood pressure and hypertension. Sequence variations in this gene may also be associated with psychiatric disorders, including schizophrenia and bipolar disorder. Pseudogenes associated with this gene have been identified and are located on chromosome 15. [provided by RefSeq, Jul 2016]</p>
Protein Families:	Druggable Genome, Protein Kinase

Product images:

Coomassie blue staining of purified ULK4 protein (Cat# [TP323647]). The protein was produced from HEK293T cells transfected with ULK4 cDNA clone (Cat# [RC223647]) using MegaTran 2.0 (Cat# [TT210002]).