

## Product datasheet for TP323647M

### 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), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC223647 representing NM\_017886  
Red=Cloning site Green=Tags(s)

MENFILYEEIGRGSKTVVYKGRRKGTINFAVAILCTDKCKRPEITNWWRLTREIKHKNIIVTFHEWYETSNH  
LWLVELCTGGSLKTVIAQDENLPEDVVREFGIDLISGLHHLHKLGLFCDISPRKILLEGPGTLKFSNF  
CLAKVEGENLEEFFALVAAEEGGDNGENVLKKSMKSRVKGSPVYTAPEVVRGADFSISSDLWSLGLCLY  
EMFSGKPPFFSESISELTKILCEDPLPIPKDSSRPKASSDFINLLDGLLQRDPQKRLTWTRLLQHSFW  
KKAFAGADQESSVEDLSLRNTMECSGPQDSKELLQNSQSRQAKGHKSGQPLGHSFRLENPTEFRPKSTL  
EGQLNESMFLSSRPTPRTSTAVEVSPGEDMTHCSPQKTSPLTKITSGHLSQQDLESQMRELIYTDSDLV  
VTPIIDNPKIMKQPPVKFDAKILHLPTYSVDKLLFLKDQDWNDFLQVCSQIDSTEKSMGASRAKLNLLC  
YLCVWAGHQEVATRLLHSPFLQLLIQHLRIAPNWDIRAKVAHVIGLLASHTAELQENTPVVEAIVLLTEL  
IRENFRNSKLLKQCLLPTLGELIYLVATQEEKKNPRECWAVPLAAYTVLMRCLREGEERVVNHMAAKIIE  
NVCTTFAQSQGFITGEIGPILWYLFHRSTADSLRITAVSALCRITRHSPTAFQNVIEKVGLNSVINSLA  
SAICKVQQYMLTLFAAMLSCGIHLQRLIQEKGFVSTIIRLLDSPSTCIRAKAFLVLLYILIYNREMLLS  
CQARLVMYIERDSRKTTPGKEQQSGNEYLSKCLDLLICHIVQELPRILGDILNSLANVSGRKHSTVQVK  
QLKLCLPLMPVVLHLVTSQVFRPQVVTTEFLFSYGTILSHIKSVDSGETNIDGAIGLTASEEFIKITLSA  
FEAIIQYPILLKDYRSTVVDYILPPLVSLVQSQNVWRLFSLRLLSETTSLLVNQEFQDGGKEKASVDSDS  
NLLALIRDVLLPQYEHILLEPDPVPAYALKLLVAMTEHNPTFTRLVEESKLIPLIFEVTLQESILGNT  
MQSVIALLSNLVACKDSNMELLYEQGLVSHICNLLTETATLCLDVDNKNNNEMAAPLLFSLLDILHSMMLT  
YTSGIVRLALQAQKSGSGEDPQAAEDLLLLNRPLTDLISLLIPLLPNEDPEIFDVSSKCLSILVQLYGGE  
NPDSLSPENVEIFAHLLTSKEDPKEQKLLLRILRRMITSNEKHLESKLNAGSLLRALERLAPGSGSFADS  
AVAPLALAILQAVGH

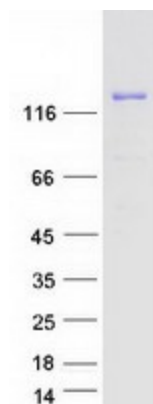
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060356</a>
<b>Locus ID:</b>	54986
<b>UniProt ID:</b>	<a href="#">Q96C45</a>
<b>RefSeq Size:</b>	4425
<b>Cytogenetics:</b>	3p22.1
<b>RefSeq ORF:</b>	3825
<b>Synonyms:</b>	FAM7C1; REC01035
<b>Summary:</b>	<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>
<b>Protein Families:</b>	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]).