

Product datasheet for TP323647

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), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC223647 representing NM_017886
Red=Cloning site Green=Tags(s)

MENFILYEEIGRGSKTVVYKGRRKGTINFAVAILCTDKCKRPEITNWWRLTREIKHKNIIVTFHEWYETSNH
LWLVELCTGGSLKTVIAQDENLPEDVVREFGIDLISGLHHLHKLGLFCDISPRKILLEGPGTLKFSNF
CLAKVEGENLEEFFALVAAEEGGDNGENVLKKSMKSRVKGSPVYTAPEVVRGADFSISSDLWSLGCCLY
EMFSGKPPFFSESISELTKILCEDPLPIPKDSSRPKASSDFINLLDGLLQRDPQKRLTWTRLLQHSFW
KKAFAGADQESSVEDLSLRNTMECSGPQDSKELLQNSQSRQAKGHKSGQPLGHSFRLENPTEFRPKSTL
EGQLNESMFLSSRPTPRTSTAVEVSPGEDMTHCSPQKTSPLTKITSGHLSQQDLESQMRELIYTDSDLV
VTPIIDNPKIMKQPPVKFDAKILHLPTYSVDKLLFLKDQDWNDFLQQVCSQIDSTEKSMGASRAKLNLLC
YLCVWAGHQEVATRLLHSPFLQLLIQHLRIAPNWDIRAKVAHVIGLLASHTAELQENTPVVEAIVLLTEL
IRENFRNSKLLKQCLLPTLGELIYLVATQEEKKNPRECWAVPLAAYTVLMRCLREGEERVVNHMAAKIIE
NVCTTFAQSQGFITGEIGPILWYLFHSTADSLRITAVSALCRITRHSPTAFQNVIEKVGLNSVINSLA
SAICKVQQYMLTLFAAMLSCGIHLQRLIQEKGFVSTIIRLLDSPSTCIRAKAFLVLLYILIYNREMLLS
CQARLVMYIERDSRKTPGKEQQSGNEYLSKCLDLLICHIVQELPRILGDILNSLANVSGRKHSTVQVK
QLKLCLPLMPVVLHLVTSQVFRPQVVTTEFLFSYGTILSHIKSVDSGETNIDGAIGLTASEEFIKITLSA
FEAIIQYPILLKDYRSTVVDYILPPLVSLVQSQNVWRLFSLRLLSETTSLLVNQEFQDGGKEKASVDSDS
NLLALIRDVLLPQYEHILLEPDPVPAYALKLLVAMTEHNPTFTRLVEESKLIPLIFEVTLHEQESILGNT
MQSVIALLSNLVACKDSNMELLYEQGLVSHICNLLTETATLCLDVDNKNNNEMAAPLLFSLLDILHSMLT
YTSGIVRLALQAQKSGSGEDPQAAEDLLLLNRPLTDLISLLIPLLPNEDPEIFDVSSKCLSILVQLYGGE
NPDSLSPENVEIFAHLLTSKEDPKEQKLLLRILRRMITSNEKHLESLLKNAGSLLRALERLAPGSGSFADS
AVAPLALAILQAVGH

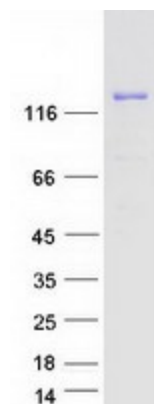
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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]).