

Product datasheet for PH323647

ULK4 (NM_017886) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ULK4 MS Standard C13 and N15-labeled recombinant protein (NP_060356)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223647
Predicted MW:	142.3 kDa
Protein Sequence:	>RC223647 representing NM_017886 Red=Cloning site Green=Tags(s)

MENFILYEEIGRGSKTVVYKGRRKGTINFVAILCTDKCKRPEITNWVRLTREIKHKNIIVTFHEWYETSNH
LWLVVELCTGGSLKTVIAQDENLPEDVVREFGIDLISGLHHLHKLGLFCDISPRKILLEGPGTLKFSNF
CLAKVEGENLEEFFALVAAEEGGDNGENVLKKSMKSRVKGSPVYTAPEVVRGADFSSIDLWLGCLLY
EMFSGKPPFFSEISEL TEKILCEDPLPIPDKSSRPKASSDFINLLDGLLQRDPQKRLTWTRLLQHSFW
KKAFAGADQESSVEDLSLRNTMECSGPQDSKELLQNSQSRQAKGHKSGQPLGHSFRENPTFRPKSTL
EGQLNESMFLLSRPTPRTSTAVEVSPGEDMTHCSPQKT SPLTKITSGHLSQQDLESQMRELIYTDSDLV
VTPIIDNPKIMKQPPVKFDAKILHLPTYSVDKLLFLKDQDWNDFLQQVCSQIDSTEKSMGASRAKLNLLC
YLCVVAGHQEVATRLHSPFLQLLIQHLRIAPNWDIRAKVAHVIGLLASHTAELQENTPVVEAIVLLTEL
IRENFRNSKLLKQCLLPTLGELIYL VATQEEKKNPRECWA VPLAAYTVLMRCLREGEERVVNHMAAKIIE
NYCTTFSAQSQGFITGEIGPILWYLFHRSTADSLRITAVSALCRITRHSPTAFQNVIEKVLNSVINSLA
SAICKVQYMLTLFAAMLSCGIHLQRLIQEKGFVSTIIRLLDSPSTCIRAKAFLVLLYILINREMLLS
CQARLVMIERDSRKTTPGKEQQSGNEYLSKCLDLLICHIVQELPRILGDILNSLANVSGRKHPTVQVK
QLKLCPLMPVVLHLVTSQVFRPQVVEEFLFSYGTILSHIKSVDSGETNIDGAIGLTASEEFIKITLSA
FEAIIQYPILLKDYRSTVVYDYL PPLVSLVQSNVEWRLFSLRLLSETTSLLVNQEFGDGKEKASVSDS
NLLALIRDVLLPQYEHILLEPDPVPAYALKLLVAMTEHNPTFTRLVEESKLIPLIFEVTLHQESILGNT
MQSVIALLSNLVACKDSNMELLYEQGLVSHICNLLTETATLCLDVDNKNNNEMAAPLLFSLLDILHSMILT
YTSIVRLALQAQKSGSGEDPQAAEDLLLLNRPLTDLISLLIPLLPNEDPEIFDVSSKCLSLVQLYGGE
NPDSLSPENVEIFAHLLTSKEDPKEQKLLLRIRRMITSNEKHLESLKNAGSLLRALERLAPGSGSFADS
AVAPLAEILQAVGH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

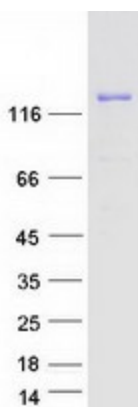
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060356
RefSeq Size:	4425
RefSeq ORF:	3825
Synonyms:	FAM7C1; REC01035
Locus ID:	54986
UniProt ID:	Q96C45
Cytogenetics:	3p22.1
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]).