

Product datasheet for **TP304020M**

Ubiquilin (UBQLN1) (NM_053067) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ubiquilin 1 (UBQLN1), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204020 protein sequence
Red=Cloning site **Green**=Tags(s)

MAESGESGGPPGSQDSAAGAEGAGAPAAAASAEPKIMKVTVKTPKEKEEFVAVPENSSVQQFKEEISKRFK
SHTDQLVLIFAGKILKDQDTLSQHGIIHDGLTVHLVIKTQNRPDHSAQQTNTAGSNVTTSSTPNSNSTSG
SATSNPFGLGGLGGLAGLSSGLNNTNFSELQSQMQRQLLSNPEMMVQIMENPFVQSMLSNDLMRQLIM
ANPQMQLIQRNPEISHMLNNDIMRQTLLEARNPAMMQEMMRNQDRALSLESIPGGYNALRRMYTDIQ
EPMLSAAQEFGGNPFASLVSNSTSSGEGSQPSRTENRDPLPNPWAPQTSQSSSASTASTVGGTTGSTA
SGTSGQSTTAPNLVPGVGASMFNTPGMQSLQITENPQLMQNMLSAPYMRSMMSQSLSQNPDLAAQMGNP
DTLSAMSNPRAMQALLQIQGLQTLATEAPGLIPGFTPLGALGSTGGSSGTNGSNATPSENTSPTAGTT
EPGHQQFIQMLQALAGVNPQLQNPEVRFQQQLEQLSAMGFLNREANLQALQIATGGDINAAIERLLGSQP
S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 59 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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.

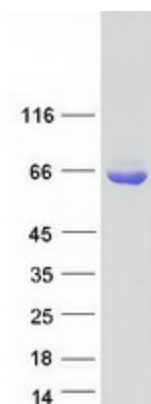
Storage: Store at -80°C.



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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_444295
Locus ID:	29979
UniProt ID:	Q9UMX0 , A0A024R258
RefSeq Size:	4093
Cytogenetics:	9q21.2-q21.3
RefSeq ORF:	1683
Synonyms:	DA41; DSK2; PLIC-1; UBQN; XDRP1
Summary:	This gene encodes an ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain an N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and it is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified UBQLN1 protein (Cat# [TP304020]). The protein was produced from HEK293T cells transfected with UBQLN1 cDNA clone (Cat# [RC204020]) using MegaTran 2.0 (Cat# [TT210002]).