

## Product datasheet for **TP306897M**

### Ubiquilin (UBQLN1) (NM\_013438) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

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

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC206897 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MAESGESGGPPGSQDSAAGAEGAGTPAAAASAEPKIMKVTVKTPKEKEEFVAVPENSSVQQFKEEISKRFK  
SHTDQLVLIFAGKILKDQDTLSQHGIIHDGLTVHLVIKTQNRPDHSAQQTNTAGSNVTTSSTPNSNSTSG  
SATSNPFGLGGLGGLAGLSSGLNNTNFSELQSQMQRQLLSNPEMMVQIMENPFVQSMLSNDLMRQLIM  
ANPQMQLIQRNPEISHMLNNDIMRQTLLEARNPAMMQEMMRNQDRALSLESIPGGYNALRRMYTDIQ  
EPMLSAAEQEQFGGNPFASLVSNSTSSGEGSQPSRTENRDPLPNPWAPQTSQSSSASSGTASTVGGTTGSTA  
SGTSGQSTTAPNLVPGVGASMFNTPGMQSLLQQITENPQLMQNMLSAPYMRSMMSQSLSQNPDLAAQMMLN  
NPLFAGNPQLQEQRQLPTFLQMQNPDTLSAMSNPRAMQALLQIQGLQLATEAPGLIPGFTPLGLGA  
LGSTGGSSGTNGSNATPSENTSPTAGTTEPGHQFQIQMLQALAGVNPQLQNPEVRFQQQLEQLSAMGFL  
NREANLQALIATGGDINAAIERLLGSQPS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 62.3 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.

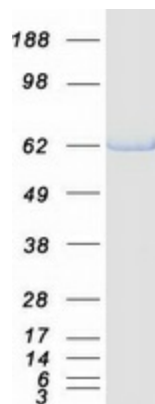
**Storage:** Store at -80°C.



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<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_038466</a>
<b>Locus ID:</b>	29979
<b>UniProt ID:</b>	<a href="#">Q9UMX0</a>
<b>RefSeq Size:</b>	4177
<b>Cytogenetics:</b>	9q21.2-q21.3
<b>RefSeq ORF:</b>	1767
<b>Synonyms:</b>	DA41; DSK2; PLIC-1; UBQN; XDRP1
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified UBQLN1 protein (Cat# [TP306897]). The protein was produced from HEK293T cells transfected with UBQLN1 cDNA clone (Cat# [RC206897]) using MegaTran 2.0 (Cat# [TT210002]).