

Recombinant Human UBQLN2, GST-tagged

Cat. No. UBQLN2-96H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBQLN2(1 a.a. - 624 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	This gene encodes an ubiquitin-like protein (ubiquilin) that shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain a 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 bind the ATPase domain of the Hsp70-like Stch protein.
Molecular Mass	92.1 kDa
AA Sequence	MAENGESSGPPRPSRGPAAAQGSAAAPAEPKIIKVTVKTPKEKEEFVAVPENSSVQQ FKEAISKRFKSQTDQLVLI FAGKILKDQDTLIQHGIHDGLTVHLVIKSQNRPPQGQSTQ PSNAAGTNTTSASTPRSNSTPISTNSNPFGLGSLGG LAGLSSLGLSSTNFSSELQSQ MQQQLMASPEMMIQIMENPFVQSMLSNPDLMRQLIMANPQMQQLIQRNPEISHLL N NPDIMRQTLEIARNPAMMQEMMRNQDLALSNLESIPGGYNALRRMYTDIQEPMLNA AQEQFGGNPFASVGSSSS SGEQTQPSRTENRDLPLNPWAPPPATQSSATTSTTTS TGSGSGNSSSNATGNTVAAANYVASIFSTPGMQSLLQQ ITENPQLIQNMLSAPYMR

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SMMQSLSQNPDLAAQMMLNSPLFTANPQLQEQLMRPQLPAFLQQMQNPDTLSAMS
 NPR AMQALMQIQGLQTLATEAPGLIPSFTPGVGVGLGTAIGPVGPVTPIGPIGPIV
 PFTPIGPIGPIGPTGPAAPP GSTGSGGPTGPTVSSAAPSETTSPTSESGPNQQFIQQ
 MVQALAGANAPQLPNPEVRFQQQLEQLNAMGFLNREAN LQALIATGGDINAAIERL
 LGSQPS

Applications ELISA; WB-Re; AP; Array

Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name UBQLN2 ubiquilin 2 [Homo sapiens]

Official Symbol UBQLN2

Synonyms UBQLN2; ubiquilin 2; ubiquilin-2; Chap1; CHAP1/DSK2; Dsk2; LIC 2; N4BP4; NEDD4 binding protein 4; PLIC 2; PLIC2; RIHFB2157; Nedd4 binding protein 4; ubiquitin-like product Chap1/Dsk2; protein linking IAP with cytoskeleton 2; DSK2; ALS15; CHAP1; HRIHFB2157; FLJ10167; FLJ56541

Gene ID 29978

mRNA Refseq NM_013444

Protein Refseq NP_038472

MIM 300264

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UniProt ID	Q9UHD9
Chromosome Location	Xp11.21
Pathway	Protein processing in endoplasmic reticulum
Function	protein binding

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