

Recombinant Full Length Human UBQLN2 Protein, GST-tagged

Cat. No. UBQLN2-545HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human UBQLN2(1 a.a. - 624 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	624 amino acids
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	MAENGESSGP PRPSRGPAAG QGSAAAPAEK KIIKVTVKTP KEKEEFVAVPE NSSVQQFKEA ISKRFKSQTD QLVLIIFAGKI LKDQDTLIQH GIHDGLTVHL VIKSQNRPGQ QSTQPSNAAG TTTTSASTPR SNSTPISTNS NPFGLGSLGG LAGLSSLGLS STNFSELQSQ MQQQLMASPE MMIQIMENPF VQSMLSNPDL MRQLIMANPQ MQQLIQRNPE ISHLLNNPDI MRQTLEIARN PAMMQEMMRN

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QDLALSNLES IPGGYNALRR MYTDIQEPML NAAQEQFGGN PFASVGSSSS
 SGEGTQPSRT ENRDPLPNPW APPPATQSSA TTSTTTSTGS GSGNSSSNAT
 GNTVAAANYV ASIFSTPGMQ SLLQQITENP QLIQNMLSAP YMRSMMQSLS
 QNPDLAAQMM LNSPLFTANP QLQEQMRPQL PAFLQQMQNP DTLSAMSNPR
 AMQALMQIQQ GLQTLATEAP GLIPSFTPGV GVGVLGTAIG PVGPVTPIGP
 IGPIVPFTPI GPIGPIGPTG PAAPPGSTGS GGPTGPTVSS AAPSETTSPT
 SESGPNQQFI QQMVAALAGA NAPQLPNPEV RFQQQLEQLN AMGFLNREAN
 LQALIATGGD INAAIERLLG SQPS

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. 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

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MIM	300264
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UniProt ID	Q9UHD9
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