

# Recombinant Full Length Human UBQLN2 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human UBQLN2(1 a.a. - 624 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	624 amino acids
<b>Description</b>	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.
<b>Molecular Mass</b>	92.1 kDa
<b>AA Sequence</b>	MAENGESSGP PRPSRGPAAA QGSAAAPAEP KIIKVTVKTP KEKEEFVAVPE NSSVQQFKEA ISKRFKSQTD QLVLIFAGKI LKDQDTLIQH GIHDGLTVHL VIKSQNRPQG QSTQPSNAAG TTTTSASTPR SNSTPISTNS NPFGLGSLGG LAGLSSLGLS STNFSELQSQ MQQQLMASPE MMIQIMENPF VQSMLSNPDL MRQLIMANPQ MQQLIQRNPE ISHLLNPNPD 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  
 AMQALMIIQQ GLQTLATEAP GLIPSFTPGV GVGVLGTAIG PVGPVTPIGP  
 IGPVIFTPI GPIGPIGPTG PAAPPGSTGS GGPTGPTVSS AAPSETTSPT  
 SESGPNQQFI QQMVALAGA 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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<b>MIM</b>	300264
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<b>UniProt ID</b>	Q9UHD9
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