Recombinant Full Length Human UBQLN1 Protein, GST-tagged

Cat. No. UBQLN1-597HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human UBQLN1(1 a.a. - 589 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	589 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	90.53 kDa
AA Sequence	MAESGESGGP PGSQDSAAGA EGAGTPAAAA SAEPKIMKVT VKTPKEKEEF

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	AVPENSSVQQ FKEEISKRFK SHTDQLVLIF AGKILKDQDT LSQHGIHDGL TVHLVIKTQN RPQDHSAQQT NTAGSNVTTS STPNSNSTSG SATSNPFGLG GLGGLAGLSS LGLNTTNFSE LQSQMQRQLL SNPEMMVQIM ENPFVQSMLS NHDLMRQLIM ANPQMQQLIQ RNPEISHMLN NPDIMRQTLE LARNPAMMQE MMRNQDRALS NLESIPGGYN ALRRMYTDIQ EPMLSAAQEQ FGGNPFASLV SNTSSGEGSQ PSRTENRDPL PNPWAPQTSQ SSSASSGTAS TVGGTTGSTA SGTSGQSTTA PNLVPGVGAS MFNTPGMQSL LQQITENPQL MQNMLSAPYM RSMMQSLSQN PDLAAQMMLN NPLFAGNPQL QEQMRQQLPT FLQQMQNPDT LSAMSNPRAM QALLQIQQGL QTLATEAPGL IPGFTPGLGA LGSTGGSSGT NGSNATPSEN TSPTAGTTEP GHQQFIQQML QALAGVNPQL QNPEVRFQQQ LEQLSAMGFL NREANLQALI ATGGDINAAI ERLLGSQPS
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	UBQLN1 ubiquilin 1 [Homo sapiens]
Official Symbol	UBQLN1
Synonyms	UBQLN1; ubiquilin 1; ubiquilin-1; DA41; DSK2; PLIC 1; XDRP1; hPLIC-1; protein linking IAP with cytoskeleton 1; UBQN; PLIC-1; FLJ90054
Gene ID	29979
mRNA Refseq	NM_013438
Protein Refseq	NP_038466

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	605046
UniProt ID	Q9UMX0

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA