



# Recombinant Human Ubiquilin-1 (UBQLN1)

<b>Product Code</b>	CSB-EP892477HU-B
<b>Abbreviation</b>	UBQLN1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UMX0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AESGESGGP PGSQDSAAGA EGAGAPAAAA SAEPKIMKVT VKTPKEKEEF AVPENSSVQQ FKEEISKRFK SHTDQLVLIF AGKILKDQDT LSQHGHDGL TVHLVIKTQN RPQDHSAAQT NTAGSNVTTS STPNSTSG SATSNPFGLG GLGGLAGLSS LGLNTTNFSE LQSQMQRQLL SNPEMMVQIM ENPFVQSMLS NPDLMRQLIM ANPQMQLIQ 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 ERLLSQPS
<b>Source</b>	E.coli
<b>Target Names</b>	UBQLN1
<b>Protein Names</b>	Recommended name: Ubiquilin-1 Alternative name(s): Protein linking IAP with cytoskeleton 1 Short name= PLIC-1 Short name= hPLIC-1
<b>Expression Region</b>	2-589
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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