



Recombinant Rat Ubiquilin-1 (Ubqln1)

Product Code	CSB-YP872857RA
Abbreviation	Ubqln1
Storage	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.
Uniprot No.	Q9JJP9
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	AESAESGGP PGAQDSAADS GPAEPKIMKV TVKTPKEKEE FAVPENSSVQ QFKEEISKRF KSHIDQLVLI FAGKILKDQD TLSQHGHDG LTVHLVIKTQ NRPQDNSAQQ TTTGNSVTS SPAPDSNPTS GPAANSSFGL GGLGGLAGLS SLGLNTTNFS ELQSQMQRQL LSNPEMMVQI MENPFVQSML SNPDLMRQLI MANPQMQLI QRNPEISHML NNPNIMRQTL ELARNPAMMQ EMMRNQERDL SNLESIPGGY NALRRMYTDI QEPMLNAAQE QFGGNPFASL VSSPSSAEGT QPSRTENRDP LPNPWAPQTP QSSPASGSTG STTNTVSTSA GNATSTPAGQ GTSGPNLVPAG AGASMFNTPG MQSLLQQITE NPQLMQNMLS APYMRSMMQS LSQNPDLAAQ MMLNNPLFAG NPQLQEQRQ QLPTFLQQMQ NPDTLASMSN PRAMQALLQI QQGLQTLATE APGLIPGFTP GLAAGNSGGP AGTTAPSTAP GEDTNPQGGA AEPGHQQFIQ QMLQALAGVN PQLQSPEVRF QQQLEQLSAM GFLNREANLQ ALIATGGDIN AAIERLLGSQ PS
Source	Yeast
Target Names	Ubqln1
Protein Names	Recommended name: Ubiquilin-1 Alternative name(s): Protein linking IAP with cytoskeleton 1 Short name= PLIC-1
Expression Region	2-582
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.

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.

Shelf Life

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.