

Full-Length

UBQLN1 (Human) Recombinant Protein (P01)

Catalog # H00029979-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human UBQLN1 full-length ORF (AAH39294, 1 a.a. - 589 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAESGESGGPPGSQDSAAGAEGAGTPAAAASAEPKIMKVTVKTPKEKEEFVAVPENSSVQQFKE
EISKRFKSHTDQLVLIFAGKILKDQDTLSQHGIHDGLTVHLVIKTQNRPDHSAQQTNTAGSNVTTS
STPNSNSTSGSATSNPFGLGGLGGLAGLSSLGLNTTNFSELQSQMQRQLLSNPEMMVQIMENPF
VQSMLSNHDLMRQLIMANPQMQLIQRNPEISHMLNNPDIMRQTLELARNPAMMQEMMRNQDRA
LSNLESIPGGYNALRRMYTDIQEPMLSAAQEQFGGNPFASLVSNNTSSGEGSQPSRTENRDPLPNP
WAPQTSQSSSASSGTASTVGGTTGSTASGTSQGQSTTAPNLVPGVGASMFNTPGMQSLLQQITEN
PQLMQNMLSAPYMRSMMSLSQNPDLAAQMMLNNPLFAGNPQLQEQRQLPTFLQQMQNP
TSLSAMSNPRAMQALLQIQQLQLATEAPGLIPGFTPLGALGSTGGSSGTNGSNATPSENTSPT
AGTTEPGHQFIQQMLQALAGVNPQLQNPEVRFQQQLEQLSAMGFLNREANLQALATGGDINAAI
ERLLGSQPS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

90.53

Interspecies Antigen Sequence

Mouse (88); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UBQLN1

Entrez GeneID	29979
GeneBank Accession#	BC039294
Protein Accession#	AAH39294
Gene Name	UBQLN1
Gene Alias	DA41, DSK2, FLJ90054, PLIC-1, XDRP1
Gene Description	ubiquilin 1
Omim ID	605046
Gene Ontology	Hyperlink

Gene Summary	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. [provided by RefSeq]
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Other Designations

OTTHUMP00000021544|OTTHUMP00000021545

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Nerve Degeneration](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Tobacco Use Disorder](#)