

Recombinant Human UBQLN2 protein, His-tagged

Cat. No. UBQLN2-46H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human UBQLN2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-624 aa
Description	UBQLN2 also known as ubiquilin-2. 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 are thus thought to functionally link the ubiquitination machinery to the proteasome to effect in vivo protein degradation.
Form	Liquid. In Phosphate Buffered Saline (pH7.4) containing 20% glycerol, 1mM DTT
Molecular Mass	68.1kDa (647aa)
AA Sequence	<p>MGSSHHHHHH SSSLVPRGSH MGSM AENGES SGPPRPSRGP AAAQGSAAAP AEPKIIKVTV KTPKEKEEFA VPENSSVQQF KEAISKRFKSQTDQLVLIFA GKILKDQDTL IQHGIHDGLT VHLVIKSQNR PQQQSTQPSN AAGTNTTSAS TPRSNSTPIS TNSNPFGLGS LGGLAGLSSLGLSSTNFSEL QSQMQQQLMA SPEMMIQIME NPFVQSMLSN PDLMRQLIMA NPQMQQLIQR NPEISHLLNN PDIMRQTLEI ARNPAMMQEMMRNQDLALSN LESIPGGYNA LRRMYTDIQE PMLNAAQE QF GGNPFASVGS SSSSGEGTQP SR TENRDPLP NPWAPPPATQ</p>

 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

SSATTSTTTSTGSGSGNSSS NATGNTVAAA NYVASIFSTP GMQSLLQQIT
 ENPQLIQNML SAPYMRSMMQ SLSQNPDLAA QMMLNSPLFT
 ANPQLQEQMRPQLPAFLQQM QNPDTLSAMS NPRAMQALMQ IQQGLQTLAT
 EAPGLIPSFT PGVGVGVLGT AIGPVGVPVTP IGPIGPIVPF TPIGPIGPIG
 PTGPAAPPGS TGSGGPTGPT VSSAAPSETT SPTSESGPNQ QFIQQMVQAL
 AGANAPQLPN PEVRFQQQLE QLNAMGFLNR EANLQALIATGGDINAAIER
 LLGSQPS

Purity >90% by SDS - PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

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](#)

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Protein Refseq	NP_038472
MIM	300264
UniProt ID	Q9UHD9
Chromosome Location	Xp11.21
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	protein binding;

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