

**UBQLN2, 1-624aa, Human, His tag, E.coli**

**Cat.NO.: TP04405**

3th Edition

**Synonyms:**ALS15, CHAP1, DSK2, HRIHFB2157, N4BP4, PLIC2

**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. Recombinant human UBQLN2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH7.4) containing 20% glycerol, 1mM DTT

**Molecular Weight:**68.1kDa (647aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGMAENGESSGPPRPSRGPAAAQGSAAAPAEPKIIKVTVKTPKEKEEFVAVPEN  
SSVQQFKEAISKRFKSQTDQLVLIFAGKILKDQDTLIQHGIHDGLTVHLVIKSQNRPPQGQSTQPSNAAGTNTTSASTP  
RSNSTPISTNSNPFGLGSLGGLAGLSSLGSLSTNFSELQSQMQQLMASPEMMIQIMENPFVQSMLSNPDLMRQLI  
MANPQMQLIQRNPEISHLLNPNPDIMRQTLEIARNPAMMQEMMRNQLLALSINLESIPGGYNALRRMYTDIQEPMLN  
AAQEFGGNPFASVGSSSSSGEGTQPSRTENRDPLPNWAPPPATQSSATTSTTTSTGSGSGNSSSNATGNTVA  
AANYVASIFSTPGMQSLLQQITENPQLIQNMLSAPYMRSMQSLSQNPDLAAQMMLNSPLFTANPQLQEQRMPQL  
PAFLQMQNPDTLSAMSNPRAMQALMQIQGLQTLATEAPGLIPSFTPGVGVGLGTAIGPVGVPVTPIGPIGPIVPF  
TPIGPIGPIGPTGPAAPPSTGSGGPTGPTVSSAAPSETTSPTSESGPNQQFIQQMVQALAGANAPQLPNPEVRFQ  
QQLEQLNAMGFLNREANLQALIATGGDINAAIERLLGSQPS

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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