

---

**Product Data Sheet**


---

Product Name: UBQLN2 Human

Cat. No.: GP24941

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	UBQLN2; Ubiquilin 2; CHAP1; PLIC2; Protein Linking IAP With Cytoskeleton 2; Ubiquitin-Like Product Chap1/Dsk2; ALS15; N4BP4; NEDD4 Binding Protein 4; Nedd4 Binding Protein 4; DSK2 Homolog; Ubiquilin-2; HRIHFB2157; HPLIC-2; PLIC-2; DSK2.		
Amino Acid Sequence	<p>MGSSHHHHHH SGLVPRGSH MGSMANGES SGPPRPSRGPAAAQGSAAAP  AEPKIIKVTV KTPKEKEEFA VPENSSVQQF KEAISKRFKS QTDQLVLIFA  GKILKDQDTLIQHGIHDGLT VHLVIKSQNR PQGQSTQPSN AAGTNTTSAS  TPRSNSTPIS TNSNPFGLGS LGGLAGLSSLGLSSTNFSEL QSQMQQQLMA  SPEMMIQIME NPFVQSMLSN PDLMRQLIMA NPQMQQLIQR  NPEISHELLNPDIMRQTLEI ARNPAMMQEM MRNQDLALSN LESIPGGYNA  LRRMYTDIQE PMLNAAEQEQF GGNPFASVGSSSSSGEGTQP SRTENRDPLP  NPWAPPPATQ SSATTSTTTS TGSGSGNSSS NATGNTVAAA  NYVASIFSTPGMQSLLQQIT ENPQLIQNML SAPYMRSMMQ SLSQNPDLAA  QMMLNSPLFT ANPQLQEQMR PQLPAFLQQMNPDTLSAMS NPRAMQALMQ  IQQGLQTLAT EAPGLIPSFT PGVGVGVLT AIGPVGPVTP  IGPIGPIVPFTPIGPIGPIG PTGPAAPPGS TGSGGPTGPT VSSAAPSETT  SPTSESGPNQ QFIQQMVQAL AGANAPQLPNPEVRFQQQLE QLNAMGFLNR  EANLQALIAT GGDINAAIER LLGSQPS.</p>		
Formulation	UBQLN2 protein solution (0.25mg/ml) containing PhosphateBuffered Saline (pH7.4), 20% glycerol and 1mM DTT.		

**Introduction**

Ubiquilin-2, also known as UBQLN2 contains an N-terminal ubiquitin-likedomain and a C-terminal ubiquitin-associated domain. UBQLN2 is physicallylinked with proteasomes as well as ubiquitin ligases, and therefore isconsidered to functionally connect the

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

ubiquitination machinery to the proteasome in order to affect in vivo protein degradation. Furthermore, UBQLN2 binds the ATPase domain of the Hsp70-like Stch protein. Among the diseases which are associated with UBQLN2: Amyotrophic lateral sclerosis 15, with or without frontotemporal dementia as well as Amyotrophic lateral sclerosis type 15.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

UBQLN2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 647 amino acids (1-624 a.a) and having a molecular mass of 68.1kDa. UBQLN2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA