9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

UBQLN2 Human

Ubiquilin 2 Human Recombinant
RCP2496

Product Overview

Name	UBQLN2 Human
Description	
Ubiquilin 2 Human Recombinant	
Accession (Primary)	Q9UHD9
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.	
Introduction	
Ubiquilin-2, also known as UBQLN2 contains an N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. UBQLN2 is physically linked with proteasomes as well as ubiquitin ligases, and therefore is considered to functionally connect the 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
UBQLN2 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH7.4), 20% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAENGES SGPPRPSRGP AAAQGSAAAP AEPKIIKVTV KTPKEKEEFA	

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VPENSSVQQF KEAISKRFKS QTDQLVLIFA GKILKDQDTL IQHGIHDGLT VHLVIKSQNR PQGQSTQPSN AAGTNTTSAS TPRSNSTPIS TNSNPFGLGS LGGLAGLSSL GLSSTNFSEL QSQMQQQLMA SPEMMIQIME NPFVQSMLSN PDLMRQLIMA NPQMQQLIQR NPEISHLLNN PDIMRQTLEI ARNPAMMQEM MRNQDLALSN LESIPGGYNA LRRMYTDIQE PMLNAAQEQF GGNPFASVGS SSSSGEGTQP SRTENRDPLP NPWAPPPATQ SSATTSTTTS TGSGSGNSSS NATGNTVAAA NYVASIFSTP GMQSLLQQIT ENPQLIQNML SAPYMRSMMQ SLSQNPDLAA QMMLNSPLFT ANPQLQEQMR PQLPAFLQQM QNPDTLSAMS NPRAMQALMQ IQQGLQTLAT EAPGLIPSFT PGVGVGVLGT AIGPVGPVTP IGPIGPIVPF TPIGPIGPIG PTGPAAPPGS TGSGGPTGPT VSSAAPSETT SPTSESGPNQ QFIQQMVQAL AGANAPQLPN PEVRFQQQLE QLNAMGFLNR EANLQALIAT GGDINAAIER LLGSQPS.

Precautions

UBQLN2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UHD9)