

Recombinant Human UBQLN2 protein, GST-tagged

Cat. No. UBQLN2-3559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBQLN2 protein(1-624 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-624 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAENGESSGPPRPSRGPAAAQGSAAAPAEPKIIKVTVKTPKEKEEFVAVPENSSVQQ FKEAISKRFKSQTDQLVLIFAGKILKDQDTLIQHGIHDGLTVHLVIKSQNRPGQSTQP SNAAGTNTTSASTPRSNSTPISTNSNPFGLGSLGGLAGLSSLGLSSTNFSELQSQM QQLMASPEMMIQIMENPFVQSMLSNPDLMRQLIMANPQMQLIQRNPEISHLLNNP DIMRQTLEIARNPAMMQEMMRNQDLALSINLESIPGGYNALRRMYTDIQEPM LNAAQ EQFGGNPFASVGSSSSSGEGTQPSRTENRDPLPNPWAPPPATQSSATTSTTTSTG SGSGNSSSNATGNTVAAANYVASIFSTPGMQSLLQQITENPQLIQNMLSAPYMRSM MQSLSQNPDLAAQMMLNSPLFTANPQLQE QMRPQLPAFLQQMQNPDTLSAMSNP RAMQALMQIQQLQLATEAPGLIPSTPGVGVGVLTGTAIGPVGPVTPIGPIGPVVPF

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TPIGPIGPIGPTGPAAPPGSTGSGGPTGPTVSSAAPSETTSPTSESGPNQQFIQQMV
QALAGANAPQLPNPEVRFQQQLEQLNAMGFLNREANLQALIATGGDINAAIERLLGS
QPS

Purity 75%, by SDS-PAGE with Coomassie Brilliant Blue staining.

Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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; RHHFB2157; 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

Protein Refseq NP_038472

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MIM 300264

UniProt ID Q9UHD9

SDS-PAGE



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