

Recombinant Human UBQLN4 Protein, His-tagged

Cat. No. UBQLN4-528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBQLN4 Protein (Met1-Ser601) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser601
Description	Enables K48-linked polyubiquitin modification-dependent protein binding activity and identical protein binding activity. Involved in cellular response to DNA damage stimulus; negative regulation of double-strand break repair via homologous recombination; and regulation of cellular catabolic process. Located in several cellular components, including autophagosome; nucleoplasm; and site of DNA damage. Part of protein-containing complex. Colocalizes with cytosolic proteasome complex and nuclear proteasome complex.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 67.6 kDa Accurate Molecular Mass: 69 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	UBQLN4 ubiquilin 4 [Homo sapiens (human)]
Official Symbol	UBQLN4
Synonyms	UBQLN4; ubiquilin 4; C1orf6, chromosome 1 open reading frame 6; ubiquilin-4; A1U; ataxin 1 ubiquitin like interacting protein; UBIN; connexin43-interacting protein of 75 kDa; ataxin-1 interacting ubiquitin-like protein; ataxin-1 ubiquitin-like interacting protein; ataxin-1 ubiquitin-like-interacting protein A1U; A1Up; CIP75; C1orf6
Gene ID	56893
mRNA Refseq	NM_020131
Protein Refseq	NP_064516
MIM	605440

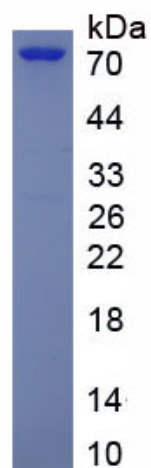
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UniProt ID

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