

Recombinant Human UBQLN3 Protein, His-tagged

Cat. No. UBQLN3-490H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBQLN3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-655 aa
Description	THis gene encodes a ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. 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 affect in vivo protein degradation. THis gene is specifically expressed in the testis. It has been suggested that tHis gene may regulate cell-cycle progression during spermatogenesis, however, it has been shown that the orthologous mouse gene is dispensable for embryonic development and spermatogenesis.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	70.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name UBQLN3 ubiquilin 3 [Homo sapiens]

Official Symbol UBQLN3

Synonyms TUP-1

Gene ID 50613

mRNA Refseq NM_017481.2

Protein Refseq NP_059509.1

MIM 605473

UniProt ID Q9H347

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