

Product datasheet for TP302516L

OriGene Technologies, Inc.

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UBE2H (NM_003344) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)

(UBE2H), transcript variant 1, 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC202516 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MSSPSPGKRRMDTDVVKLIESKHEVTILGGLNEFVVKFYGPQGTPYEGGVWKVRVDLPDKYPFKSPSIGF MNKIFHPNIDEASGTVCLDVINQTWTALYDLTNIFESFLPQLLAYPNPIDPLNGDAAAMYLHRPEEYKQK

IKEYIQKYATEEALKEQEEGTGDSSSESSMSDFSEDEAQDMEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 20.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 003335

Locus ID: 7328

UniProt ID: P62256, A4D1L5





RefSeq Size: 5174

Cytogenetics: 7q32.2 RefSeq ORF: 549

Synonyms: E2-20K; GID3; UBC8; UBCH; UBCH2

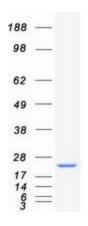
Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting

> abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Three alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms. [provided by

RefSeq, Feb 2011]

Ubiquitin mediated proteolysis **Protein Pathways:**

Product images:



Coomassie blue staining of purified UBE2H protein (Cat# [TP302516]). The protein was produced from HEK293T cells transfected with UBE2H cDNA clone (Cat# [RC202516]) using MegaTran 2.0 (Cat# [TT210002]).