

## Product datasheet for **TP313095L**

### **UBE2H (NM\_182697) Human Recombinant Protein**

#### **Product data:**

|  |  |
|--|--|
| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Recombinant protein of human ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast) (UBE2H), transcript variant 2, 1 mg  |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | HEK293T  |
| <b>Expression cDNA Clone or AA Sequence:</b> | >RC213095 representing NM_182697<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MSSSPSGKRRMDTDVVKLIESKHEVTILGGLNEFVVKFYGPQGTPYEGGVWVKVRVDLPDKYPFKSPSIDL<br>TNIFESFLPQLLAYPNPIDPLNGDAAAMYLRPEEYKQKIKEYIQKYATEEALKEQEEGTGDSSSESSMS<br>DFSEDEAQDMEL<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| <b>Tag:</b>                                  | C-Myc/DDK  |
| <b>Predicted MW:</b>                         | 17 kDa   |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method   |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Buffer:</b>                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| <b>Preparation:</b>                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| <b>Storage:</b>                              | Store at -80°C.  |
| <b>Stability:</b>                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| <b>RefSeq:</b>                               | <u><a href="#">NP_874356</a></u>   |
| <b>Locus ID:</b>                             | 7328   |
| <b>UniProt ID:</b>                           | <u><a href="#">P62256</a></u>  |



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RefSeq Size: 2635

Cytogenetics: 7q32.2

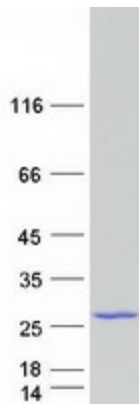
RefSeq ORF: 456

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]

**Protein Pathways:** Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified UBE2H protein (Cat# [TP313095]). The protein was produced from HEK293T cells transfected with UBE2H cDNA clone (Cat# [RC213095]) using MegaTran 2.0 (Cat# [TT210002]).