

## Product datasheet for **TP721140M**

### **UBE2B (NM\_003337) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human ubiquitin-conjugating enzyme E2B (UBE2B)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Ser152
<b>Tag:</b>	tag free
<b>Predicted MW:</b>	17.5 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Supplied as a 0.2 um filtered solution of 10mM HEPES, pH 7.5.
<b>Storage:</b>	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_003328</a>
<b>Locus ID:</b>	7320
<b>UniProt ID:</b>	<a href="#">P63146</a>
<b>RefSeq Size:</b>	2631
<b>Cytogenetics:</b>	5q31.1
<b>RefSeq ORF:</b>	456
<b>Synonyms:</b>	E2-17kDa; HHR6B; HR6B; RAD6B; UBC2
<b>Summary:</b>	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. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. [provided by RefSeq, Jul 2008]



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**Protein Families:** Druggable Genome

**Protein Pathways:** Ubiquitin mediated proteolysis