

## Product datasheet for **TP720162XL**

### **UBE2H (NM\_003344) 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 1
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Leu183
<b>Tag:</b>	N-GST
<b>Predicted MW:</b>	47.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	< 0.1 EU per µg protein as determined by LAL test
<b>Storage:</b>	Store at -80°C.
<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_003335</a>
<b>Locus ID:</b>	7328
<b>UniProt ID:</b>	<a href="#">P62256</a> , <a href="#">A4D1L5</a>
<b>Cytogenetics:</b>	7q32.2
<b>Synonyms:</b>	E2-20K; GID3; UBC8; UBCH; UBCH2



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**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:**