

## Product datasheet for **TP720163**

### HIP2 (UBE2K) (NM\_001111113) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast) (UBE2K), transcript variant 3 |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | Met1-Asn200   |
| Tag:                                  | N-GST   |
| Predicted MW:                         | 48.7 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl                               |
| Endotoxin:                            | < 0.1 EU per µg protein as determined by LAL test   |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for at least 3 months from date of receipt under proper storage and handling conditions.                   |
| RefSeq:                               | <a href="#">NP_001104583</a>  |
| Locus ID:                             | 3093  |
| UniProt ID:                           | <a href="#">P61086</a>  |
| Cytogenetics:                         | 4p14  |
| Synonyms:                             | E2-25K; HIP2; HYPG; LIG; UBC1   |



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**Summary:**

The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Transcription Factors

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**