

Product datasheet for **TP720982**

HIP2 (UBE2K) (NM_005339) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human ubiquitin-conjugating enzyme E2K (UBE2K), transcript variant 1 |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-Asn200 |
| Tag: | N-His&SUMO |
| Predicted MW: | 34.5 kDa |
| 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: | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg) |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_005330 |
| Locus ID: | 3093 |
| UniProt ID: | P61086 |
| RefSeq Size: | 2208 |
| Cytogenetics: | 4p14 |
| RefSeq ORF: | 600 |
| 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 |