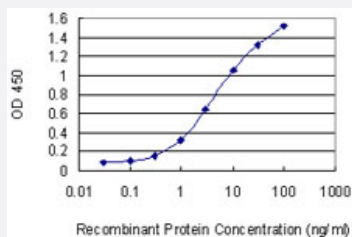


# UBE2K monoclonal antibody (M13), clone 1D10

Catalog # H00003093-M13

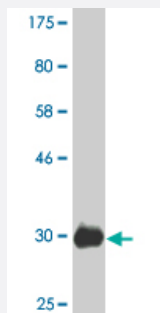
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBE2K is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (30.40 KDa) .

## Specification

|                     |   |
|---------------------|---|
| Product Description | Mouse monoclonal antibody raised against a full-length recombinant UBE2K.                                   |
| Immunogen           | UBE2K (-, 1 a.a. ~ 40 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence            | MLAMSPPAADSYPPPPPLRPPPPPLPPPPPSAIQT*  |
| Host                | Mouse   |
| Reactivity          | Human   |
| Isotype             | IgG2a Kappa   |

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (30.40 KDa) .

**Storage Buffer**

In 1x PBS, pH 7.4

**Storage Instruction**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UBE2K is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — UBE2K

**Entrez GeneID**

[3093](#)

**GeneBank Accession#**

[BC006419](#)

**Protein Accession#**

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**Gene Name**

UBE2K

**Gene Alias**

DKFZp564C1216, DKFZp686J24237, E2-25K, HIP2, HYPG, LIG

**Gene Description**

ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)

**Omim ID**

[602846](#)

**Gene Ontology**

[Hyperlink](#)

**Gene 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 Huntingt on's disease. Known functions for this protein include a role in aggregate formation of expanded p olyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the di slocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and inv olvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]

**Other Designations**

huntingtin interacting protein 2|ubiquitin carrier protein|ubiquitin-conjugating enzyme E2-25 KDA|ubiquitin-conjugating enzyme E2-25K|ubiquitin-protein ligase

**Pathway**

- [Ubiquitin mediated proteolysis](#)