金斯瑞生物科技
Make Research Easy

DATASHEET
Version 20181206

UBE2K/E2-25K, His, Human

Cat. No.: Z02966-50

Size: 50.0 ug

Synonyms: HIP2, Huntingtin Interacting protein 2, HYPG, Ubiquitin-conjugating enzyme E2-25K kDa, Ubiquitin-protein ligase, Ubiquitin carrier protein, LIG, HIP-2, E2(25K), DKFZp686J24237, OTTHUMP00000218440, EC 6.3.2.19.

Description:

Ubiquitin-conjugating enzyme E2 K is a protein that in humans is encoded by the UBE2K gene. The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. It binds selectively to a large region at the N terminus of huntingtin. This interaction is not influenced by the length of the huntingtin polyglutamine tract. This protein has been implicated in the degradation of huntingtin and suppression of apoptosis.

Amino Acid Sequence:

```
00001 MHHHHHHAMA NIAVQRIKRE FKEVLKSEET SKNQIKVDLV
00041 DENFTELRGE IAGPPDTPYE GGRYQLEIKI PETYPFNPPK
00081 VRFITKIWHP NISSVTGAIC LDILKDQWAA AMTLRTVLLS
00121 LQALLAAAEP DDPQDAVVAN QYKQNPEMFK QTARLWAHVY
00161 AGAPVSSPEY TKKIENLCAM GFDRNAVIVA LSSKSWDVET
00201 ATELLLSN
```

Source: *E. coli*

Species: Human

Molecular Weight: Approximately 23.4 kDa, a single non-glycosylated polypeptide chain containing 200 amino acids (a.a.) of human UBE2K and 8 a.a. vector sequence including 6 × His tag at N-terminus.

Formulation: Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.

Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in appropriate buffered solutions.

Purity: >95% by SDS-PAGE and HPLC analyses.

Endotoxin Level: Less than 1EU/μg of rHuUBE2K, His as determined by LAL method.

Storage: This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

南京金斯瑞生物科技有限公司
江苏省南京市江宁科学园雍熙路28号 电话：400-025-8686 ext. 5810 or 5256