

Recombinant Human Ubiquitin Conjugating Enzyme E2K His

Catalog No.	CSI20140A CSI20140B CSI20140C	Quantity:	10 µg 50 µg 1.0 mg
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.		
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.		
Molecular Weight:	23.4 kDa		
Formulation:	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.		
Purity:	>95% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	Less than 1EU/µg of rHuUBE2K, His as determined by LAL method.		
Biological Activity:	Data is not available.		
Amino Acid Sequence:	MHHHHHHA MA NIAVQRIKRE FKEVLKSEET SKNQIKVDLV DENFTEL RGE IAGPPDTPYE GGRYQLEIKI PETYPFNPPK VRFITKIWHP NISSVTGAIC LDILKDQWAA AMTLRTVLLS LQALLAAAEF DDPQDAVVAN QYKQNPENFK QTARLWAHVY AGAPVSSPEY TKKIEINLCAM GFDRNAVIVA LSSKSWDVET ATELLLSN		
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. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	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 -80°C. Avoid repeated freeze/thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.