

# HIP2

Catalog # PVGS1201

## Product Information

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<b>Species</b>	Human
<b>Sequence</b>	MHHHHHHAMA NIAVQRIKRE FKEVLKSEET SKNQIKVDLV DENFTEL RGE IAGPPDTPYE GGRYQLEIKI PETYPFNPPK VRFITKIWHP NISSVTGAIC LDILKDQWAA AMTLRTVLLS LQALLAAAEP DDPQDAVVAN QYKQNP EMFK QTARLWAHVY AGAPVSSPEY TKKIENLCAM GFDRNAVIVA LSSKSWD VET ATELLLSN
<b>Purity</b>	>95% by SDS-PAGE and HPLC analyses.
<b>Endotoxin Level</b>	Less than 1 EU/ $\mu$ g of rHuUBE2K, His as determined by LAL method.
<b>Formulation</b> <b>Reconstitution</b>	Lyophilized from a 0.2 $\mu$ m filtered concentrated solution in PBS, pH 7.4. 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 $\leq -20^{\circ}\text{C}$ . Further dilutions should be made in appropriate buffered solutions.

## Additional Information

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<b>Target Background</b>	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.
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