Active Recombinant Human UBE2K Protein, His-tagged

Cat. No. UBE2K-649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2K fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	UBE2K also known as UBC1 or ubiquitin-conjugating enzyme E2K belongs to the ubiquitin-conjugating enzyme family which interacts with RING finger proteins. UBE2K can ubiquitinate huntingtin, the gene product for Huntington's disease. Huntingtin is ubiquitinated in peripheral cells, suggesting a role for UBE2K in the degradation of huntingtin. UBE2K plays a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases. UBE2K also plays a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Bio-activity	11 nmol/min/mg
Molecular Mass	26 kDa
Purity	>95%

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Ubiquitin Enzyme Assay, Western Blot
Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml

GENE INFORMATION

Gene Name	UBE2K ubiquitin-conjugating enzyme E2K [Homo sapiens]
Official Symbol	UBE2K
Synonyms	UBE2K; ubiquitin-conjugating enzyme E2K; HIP2, huntingtin interacting protein 2 , ubiquitin conjugating enzyme E2K (UBC1 homolog, yeast); ubiquitin-conjugating enzyme E2 K; HYPG; UBC1; HIP-2; E2(25K); ubiquitin-protein ligase; ubiquitin carrier protein; huntingtin interacting protein 2; huntingtin-interacting protein 2; ubiquitin-conjugating enzyme E2-25K; ubiquitin-conjugating enzyme E2(25K); ubiquitin-conjugating enzyme E2-25 KDA; ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast); LIG; HIP2; E2-25K; DKFZp564C1216; DKFZp686J24237;
Gene ID	3093
mRNA Refseq	NM_005339
Protein Refseq	NP_005330
MIM	602846

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID	P61086
	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA