

Recombinant Human UBE2K Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBE2K-4276H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2K MS Standard C13 and N15-labeled recombinant protein (NP_005330) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene.
Molecular Mass	22.2 kDa
AA Sequence	MANIAVQRIKREFKEVLKSEETSKNQIKVDLVNFTLARGEIAGPPDTPYEGGRYQL EIKIPETYPFNPPKVRFITKIWHPNISSVTGAICLDILKDQWAAAMTLRTVLLSLQALLA AAEPDDPQDAVVANQYKQNPENFKQTARLWAHVYAGAPVSSPEYTKKIENLCAMG FDRNAVIVALSSKSWDVETATELLLSNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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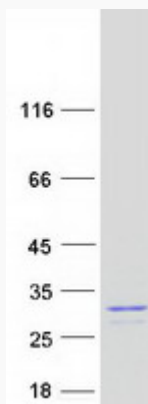
 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	UBE2K ubiquitin-conjugating enzyme E2K [Homo sapiens (human)]
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

UniProt ID

P61086

SDS-PAGE

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