

Recombinant *Xenopus* ube2d2, His-tagged

Cat. No. ube2d2-236X Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length <i>Xenopus</i> UBE2D2 (UBC4) was expressed in <i>E. coli</i> cells using an N-terminal His tag.
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
Description	UBE2D2(UBC4) Protein or ubiquitin-conjugating enzyme E2D 2 is a member of the E2 ubiquitin-conjugating enzyme family which functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. UBE2D2 specifically ubiquitinates E6AP and in vivo inhibition of UBE2D2 can lead to inhibition of E6-stimulated p53 degradation. UBE2D2 could conjugate ubiquitin to target proteins in an E6AP-dependent manner.
Form	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Molecular Mass	~17 kDa
Purity	>95% by densitometry
Applications	Western Blot
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most

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favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.1 µg/µl

Full Length Full L.

GENE INFORMATION

Gene Name ube2d2?ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) [?Xenopus laevis?(African clawed frog)]

Official Symbol ube2d2

Synonyms ube2d2; ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast); EC 6.3.2.-

Gene ID 446340

mRNA Refseq NM_001093036

Protein Refseq ?NP_001086505

Pathway Protein processing in endoplasmic reticulum; Ubiquitin mediated proteolysis

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