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UBE2E Family

National Cancer Institute

Source

National Cancer Institute. *UBE2E Family*. NCI Thesaurus. Code C128299.

A family of E2 ubiquitin-conjugating enzymes (UBE2) that transfer ubiquitin from E1 ubiquitin-activating enzyme to the active site cysteine of the E2 enzyme. Then the ubiquitin is transferred from the E2 enzyme to the target protein by E3 ubiquitin ligases. The N-terminal extension found in UBE2E proteins may confer a strong preference for the monoubiquitination of substrates rather than polyubiquitination.