



Recombinant Human UbE2D3
(6xHis-UbE2D3)
 Catalog #MB7358

Product Description

Recombinant Human UbE2D3 is a member of the Ubiquitin-conjugating (E2) enzyme family that acquires Ubiquitin from a Ubiquitin-activating (E1) enzyme and subsequently reacts with a Ubiquitin ligase (E3) to conjugate Ubiquitin to substrate proteins. Human UbE2D3 shares 88% and 89% amino acid sequence identity with UbE2D1 and UbE2D2, the close related family members. Human UbE2D3 works with a number of E3 enzymes, including MDM2 and CHIP, making it suitable for studying E3 ligase mechanisms, targeted protein degradation, and ubiquitin-dependent disease pathways.

Specifications

Synonyms:	UBC4/5, UBCH5C, E2(17)KB3
AA Sequence:	MGSSHHHHHHSSGLVPRGSHMMALKRINK ELSDLARDPPAQCSAGPVGDDMFHWQATI MGPNDSPYQGGVFFLTIHFPTDYPFKPPKV AFTTRIYHPNINSNGSICLDILRSQWSPALTI SKVLLSICSLLCDPNPDDPLVPEIARIYKTDR DKYNRISREWTQKYAM
Source:	<i>Escherichia coli</i>
Molecular Weight:	18.9 kDa
Purity	> 95%

Storage Buffer and Concentration

1x PBS, 5 mM β -ME, 50% Glycerol. See product label for protein concentration.

Quality Control

The purity of 6xHis-UbE2D3 was verified by SDS-PAGE under reducing conditions.

Product Use

ScienCell's 6xHis-UbE2D3 is for research use only. It is not approved for human or animal use, or for application in clinical or in vitro diagnostic procedures.

Shipping and Storage

The product is shipped on dry ice. Upon receipt, store at -20°C in a manual defrost freezer.