



Recombinant Human UbE2R2
(6xHis-UbE2R2)
 Catalog #MB7538

Product Description

Recombinant Human UbE2R2 is an E2 ubiquitin-conjugating enzyme involved in the ubiquitin-proteasome pathway. As a component of the E1–E2–E3 enzymatic cascade, it participates in the transfer of ubiquitin to target proteins. CK2-mediated phosphorylation of UbE2R2 is required for its association with the β -TrCP-containing SCF E3 ligase complex. UbE2R2 primarily catalyzes the formation of K48-linked polyubiquitin chains, which serve as degradation signals for proteasomal turnover of substrate proteins.

This recombinant protein contains an N-terminal 6 $\times$ His tag and a thrombin cleavage sequence for convenient purification and downstream applications.

Specifications

Synonyms:	UBC3B; CDC34B; E2-CDC34B; FLJ20419; MGC10481
AA Sequence:	MGSSHHHHHH SGLVPRGSH MAQQQMTSSQ KALMLELKSL QEEPVEGFRI TLVDESDLYN WEVAIFGPPN TLYEGGYFKA HIKFPIDYPY SPPTFRFLTK MWHPNIYENG DVCISILHPP VDDPQSGELP SERWNPTQNV RTILLSVISL LNEPNTFSPA NVDASVMFRK WRDSKGKDKE YAEIIRKQVS ATKAEAEKDG VKVPTTLAEY CIKTKVPSND NSSDLLYDDL YDDDDIDDEDE EEEDADCYDD DDSGNEES
Source:	<i>Escherichia coli</i>
Molecular Weight:	29.3 kDa, a single non-glycosylated polypeptide chain containing 258 amino acids
Purity	> 90%

Storage Buffer and Concentration

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

Rev. 0

Quality Control

The purity of 6xHis-UbE2R2 was verified by SDS-PAGE.

Product Use

ScienCell's 6xHis-UbE2R2 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.