



Recombinant Human UbE2G2
(6xHis-UbE2G2)
 Catalog #MB7428

Product Description

Recombinant Human UbE2G2 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. UbE2G2 is known for its role in endoplasmic reticulum-associated degradation (ERAD) by interacting with the E3 ligase called GP78 to catalyze K48 – linked Ub chains. Furthermore, UbE2G2 also plays a role in the innate immune response (in regulating STING signaling).

Specifications

Synonyms:	UBC7, Ubiquitin Carrier Protein G2; Ubiquitin-Protein Ligase G2
AA Sequence:	MGSSHHHHHSSGLVPRGSHMMAGTAL KRLMAEYKQLTLNPPEGIVAGPMNEENF FEWEALIMGPEDTCTFEFGVFPAILSFPLDY PLSPPKMRFTCEMFHPNIYPDGRVCISILH APGDDPMGYESSAERWSPVQSVEKILLSV VSMLAEPNDESGANVDASKMWRDDREQ FYKIAKQIVQKSLGL
Source:	<i>Escherichia coli</i>
Molecular Weight:	20.8 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-UbE2G2 was verified by SDS-PAGE under reducing conditions.

Product Use

ScienCell's 6xHis-UbE2G2 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.