Active Recombinant Human UBE2G2 Protein, His-tagged

Cat. No. UBE2G2-532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2G2 (Accession # NP_003334), fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (X μl) in 50 mM HEPES pH 7.5, 100 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
Bio-activity	Recombinant Human His6-UBE2G2 is a member of the Ubiquitin-conjugating (E2) enzyme family that receives Ubiquitin from a Ubiquitin-activating (E1) enzyme and subsequently interacts with a Ubiquitin ligase (E3) to conjugate Ubiquitin to substrate proteins. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-UBE2G2 concentration of 0.1-1 μl.
Molecular Mass	Recombinant Human UBE2G2, His-tagged has a calculated MW of 20 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	UBE2G2 ubiquitin-conjugating enzyme E2G 2 [Homo sapiens]
Official Symbol	UBE2G2
Synonyms	UBE2G2; ubiquitin-conjugating enzyme E2G 2; ubiquitin conjugating enzyme E2G 2 (homologous to yeast UBC7) , ubiquitin conjugating enzyme E2G 2 (UBC7 homolog, yeast); ubiquitin-conjugating enzyme E2 G2; UBC7; ubiquitin-protein ligase G2; ubiquitin carrier protein G2; ubiquitin conjugating enzyme 7; ubiquitin conjugating enzyme G2; ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast); ubiquitin-conjugating enzyme E2G 2 (homologous to yeast UBC7);
Gene ID	7327
mRNA Refseq	NM_001202489
Protein Refseq	NP_001189418
MIM	603124
UniProt ID	P60604
Chromosome Location	21q22.3

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