

RPCB0163

Product Information

Product SKU:	RPCB0163	Gene ID:	7332	Size:	50µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	P68036
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: Ubiquitin-conjugating Enzyme E2L 3 (UBE2L3), also known as Ubiquitin-conjugating Enzyme H7 (UbcH7), is a member of the Ubiquitin-conjugating (E2) enzyme family (1). The human UbcH7 protein shares 100% amino acid (aa) sequence identity with the mouse and rat orthologs. UBE2L3 is catalytically active with HECT and RBR domain-containing families of Ubiquitin ligases (E3s). UBE2L3 localizes to both the nucleus and cytoplasm in human cells. UBE2L3 depletion results in an extended S phase and a reduced rate of proliferation, suggesting that it may play a role in the cell cycle. In humans, single nucleotide polymorphisms in UBE2L3 are associated with systemic lupus erythematosus and Crohn's disease, suggesting that UbcH7 is important for proper immune system function.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human UBE2L3 Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: Please contact us for more information.

Formulation: Supplied in 50mM HEPES, 200mM NaCl, 10% glycerol, 1mM TCEP, pH 7.0. Contact us for customized product form or formulation.

Storage: Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

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