

## Active Recombinant Human UBE2L6 Protein, GST-tagged

Cat. No. UBE2L6-928H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBE2L6 (Accession # O14933), fused with an N-terminal GST (glutathione S-transferase) tag, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	X mg/ml (X $\mu$ M) in 50 mM HEPES pH 7.5, 100 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
<b>Bio-activity</b>	Recombinant Human GST-UbcH8/UBE2L6 is a member of the Ub AND ISG15-conjugating (E2) enzyme family that receives Ub AND ISG15 from a Ub AND ISG15-activating (E1) enzyme and subsequently interacts with a Ub AND ISG15 ligase (E3) to conjugate Ub AND ISG15 to substrate proteins. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human GST-UbcH8/UBE2L6 concentration of 0.1-1 $\mu$ M.
<b>Molecular Mass</b>	Recombinant Human UBE2L6, GST-tagged has a calculated MW of 44 kDa.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	UBE2L6 ubiquitin-conjugating enzyme E2L 6 [ Homo sapiens ]
<b>Official Symbol</b>	UBE2L6
<b>Synonyms</b>	UBE2L6; ubiquitin-conjugating enzyme E2L 6; ubiquitin/ISG15-conjugating enzyme E2 L6; UBCH8; ubiquitin-protein ligase L6; ubiquitin carrier protein L6; retinoic acid induced gene B protein; retinoic acid-induced gene B protein; RIG-B; MGC40331;
<b>Gene ID</b>	9246
<b>mRNA Refseq</b>	NM_004223
<b>Protein Refseq</b>	NP_004214
<b>MIM</b>	603890
<b>UniProt ID</b>	O14933
<b>Chromosome Location</b>	11q12.1

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