

Active Recombinant Human UBE2S Protein, His-tagged

Cat. No. UBE2S-684H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2S (Accession # NP_055316.2), fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (x μ M) in 50 mM HEPES pH 7.5, 200 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
Bio-activity	Recombinant Human His6-UBE2S 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-UBE2S concentration of 0.1-1 μ M.
Molecular Mass	Recombinant Human UBE2S, His-tagged has a calculated MW of 36 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	UBE2S ubiquitin-conjugating enzyme E2S [Homo sapiens]
Official Symbol	UBE2S
Synonyms	UBE2S; ubiquitin-conjugating enzyme E2S; ubiquitin-conjugating enzyme E2 S; E2 EPF; ubiquitin carrier protein; ubiquitin conjugating enzyme E2 24 kD; ubiquitin protein ligase; E2-EPF5; ubiquitin-protein ligase S; ubiquitin carrier protein S; ubiquitin-conjugating enzyme E2-EPF5; ubiquitin-conjugating enzyme E2-24 kD; ubiquitin-conjugating enzyme E2-24 kDa; EPF5; E2EPF; E2-EPF;
Gene ID	27338
mRNA Refseq	NM_014501
Protein Refseq	NP_055316
MIM	610309
UniProt ID	Q16763
Chromosome Location	19q13.43

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