

**Recombinant Human Ubiquitin-Conjugating Enzyme E2 S/UBE2S Protein(N-GST)**

**Cat.NO.: TP05883**

3th Edition

**Synonyms:**Ubiquitin-Conjugating Enzyme E2 S; E2-EPF; Ubiquitin Carrier Protein S; Ubiquitin-Conjugating Enzyme E2-24 kDa; Ubiquitin-Conjugating Enzyme E2-EPF5; Ubiquitin-Protein Ligase S; UBE2S; E2EPF

**Description:**Ubiquitin-Conjugating Enzyme E2 S (UBE2S) is a member of the Ubiquitin-Conjugating Enzyme family. UBE2S interacts with CDC20, FZR1/CDH1 and VHL. UBE2S can form a thiol ester linkage with Ubiquitin in an Ubiquitin Activating Enzyme-Dependent manner, a characteristic property of Ubiquitin Carrier Proteins. UBE2S acts as an essential factor of the Anaphase Promoting Complex/Cyclosome, a cell cycle-regulated Ubiquitin ligase that controls progression through mitosis. UBE2S is also involved in ubiquitination and subsequent degradation of VHL, resulting in an accumulation of HIF1A.

**Form:**PBS

**Molecular Weight:**50.1 kDa

**Sequences:**Met 1-Leu222

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.